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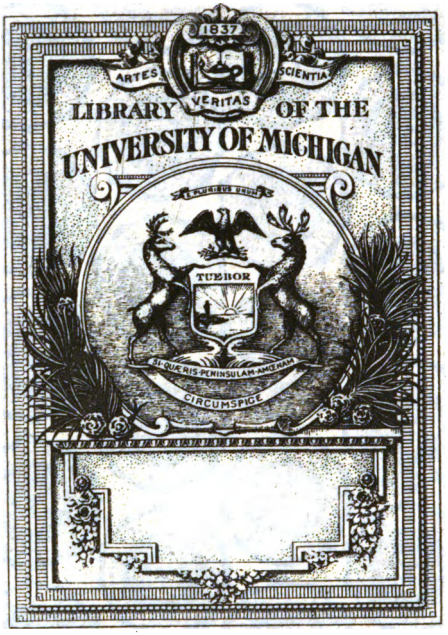

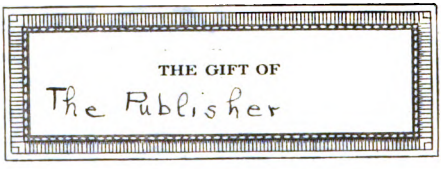

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Children's Museum News

VOLUME IX

OCTOBER 1921 TO MAY 1922

An illustrated periodical devoted to the activities of the Children's Museum in presenting to children various subjects in Natural History, Geography, and United States History

BROOKLYN, N.Y.

1921-1922

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CHILDREN'S MUSEUM

OF

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Brooklyn Avenue between Prospect Place and Park Place

FREE

Week days..... **9:00 A. M. to 5:30 P. M.**

Sundays..... **2:00 P. M. to 5:30 P. M.**

The Children's Museum was established in December, 1899. It was the first institution of its kind and is today the largest and best equipped Children's Museum in the world.

It interests and instructs children by means of its exhibits of natural history specimens; geographical and historical models; its library containing 7,500 carefully selected and graded books; its illustrated lectures; and personal attention to visitors.

The Museum Publications comprise the Annual Report, The Children's Museum News, Circulars of Information, Classified lists of Specimens to Lend to Schools, lists of Nature Books, and a Catalogue of the Historical Collection.

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"Biography of a Silver Fox"
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OCT 5 1921

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. IX. BROOKLYN, N. Y., OCTOBER 1921 No. 1

Courtesy of the Daily News

A COLLECTING TRIP IN BEDFORD PARK

Studying the proportions of an Ailanthus Moth

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FIELD TRIPS AND SUMMER WORK

We are glad that the field trips conducted by the Museum in 1919 and 1920 proved such an advantage to the children that the Woman's Auxiliary were minded to continue the work in 1921. Through the generosity of this organization, we were able to engage an instructor early in June.

Miss Myrtle Inteman, who had charge of the work, started the trips for boys and girls on June 15, and continued them regularly until the opening of the public schools on September 12. The schedule of former years was adopted providing four trips a week; two for boys and two for girls. Two days each week were utilized in the Museum preparing for the trips and taking care of the collected materials and specimens.

The total number of children engaged in field work was 500. Many of these started collections of their own, others have been able to add interesting specimens to existing collections. About 86 collections comprising approximately 1,200 specimens have been worked over in the Busy Bee Room. Other collections of which we have imperfect records have been developed in the children's homes. One of these brought to the Museum early in September consisted of twelve insect boxes filled with specimens.

Those children who did not wish to make collections used the time to study for the Nature tests given in various organizations such as the Boy Scouts, Girl Scouts, and Woodcraft. The observations of a heron at the margin of a swamp, of a squirrel leaping from one tree to another, and of a blowing adder making its hissing noise find record in the memory filing cabinets which will be consulted perchance before the next "test."

So enthusiastic has been the spirit of each trip, that a boy who had been out of town for the summer, after joining a party on a trip to the Palisades expressed deep regret at having been away. "In the country," he said, "there's nobody to tell you about things. I would rather have gone to the different places with you. I would have had just as good a time and I could have learned something too."

Another child who is an enthusiastic music pupil, changed the day of his music lesson each week in order to go on the Museum field trips. One of the girls who has done thorough work came in with the following request: "Mother says she never had a chance like this—to go on field trips and wishes to know if she cannot go with us." The two sons of a physician of local prominence enjoyed every field trip this summer. They returned home each time with such interesting objects they had found and with such valuable bits of information that their parents invariably asked, "What have you learned to-day?"

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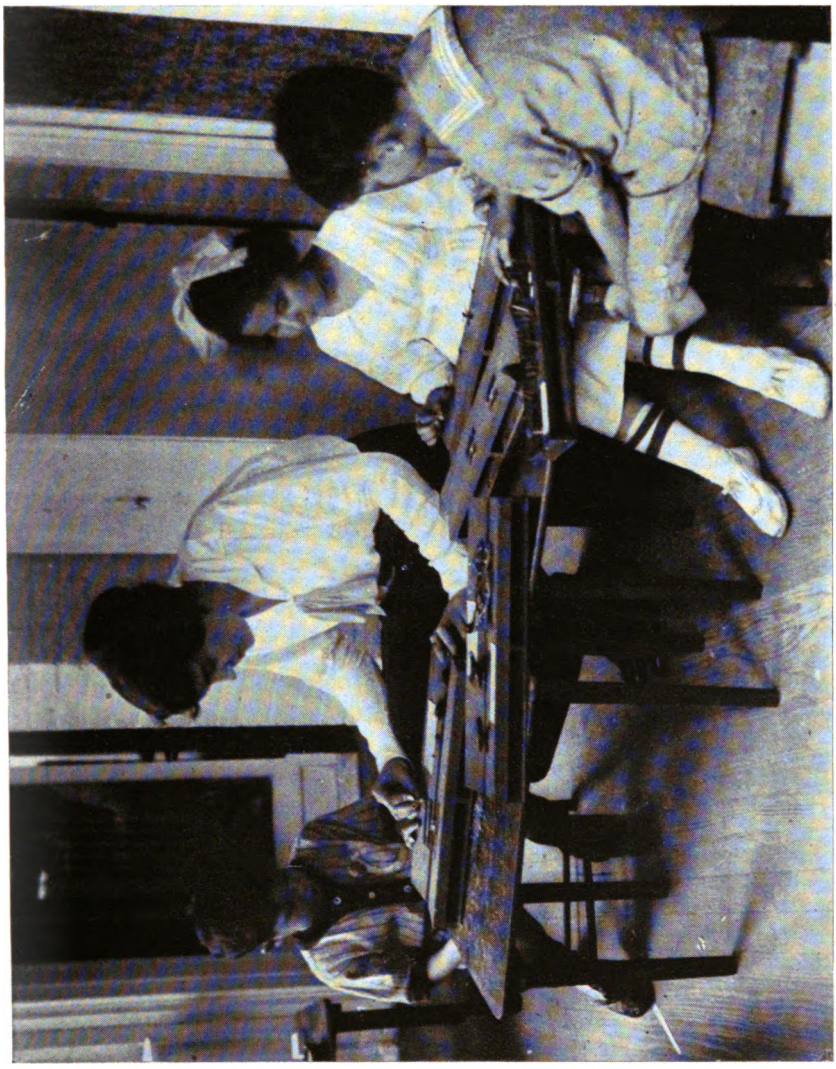

MANY BOYS AND GIRLS STARTED COLLECTIONS OF THEIR OWN

Courtesy of the Daily News

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EIGHT MUSEUM GIRLS GO CAMPING

The most ambitious departure from the customary procedure in our out-of-door program this summer, was a week end camping party for eight of our girls. These girls had been regularly engaged in Children's Museum activities all winter and had been selected to go on this outing for two reasons: faithful attendance at all meetings and showing the best spirit in working for honors.

Any one in the Hoyt Street Subway Station at quarter of nine on the morning of July 22 might have seen these enthusiastic travellers, with blanket rolls over their shoulders and kettles in their hands, starting for Bear Mountain where they were going to camp two nights.

They had bought their camping equipment out of dues they had collected and money they had earned. This consisted of eight rubber blankets or ponchos, four pup tents, two copper kettles, and a mixing spoon. The exact spot on which to pitch the tents and make the camp fire had been selected by Miss Grace Cotton through whom the Juliette Hollenbeck Camp, belonging to Willoughby House Settlement, graciously offered our girls the free use of their grounds.

The campers carried their belongings in a blanket and pouches. Beside clothing, each one had a jack knife, a whistle, a lantern which she had made of a tin can (by punching holes in the sides, inserting a candle in the bottom, and attaching a long, wire handle at the top), and a plant press with which to press leaves and wild flowers.

Reference only can be made to the delightful trip up the Hudson River. After a joyous hike from the boat landing at Bear Mountain through a country of hills and valleys affording occasional glimpses of the Hudson, they arrived at an opening in the Cedar woods which gave a wonderful view of this famous stream.

Agreed that this ideal spot must be the site, the girls began with a will to cut poles and pegs for their tents, each one learning new lessons in the art of wielding the axe and handling the knife. By half past four, the tents were up, the ponchos were placed for floors, and the blankets were laid for the night. There were four tents in all, each tent for two girls. A shredded wheat box was nailed to a tree to be used for a cupboard and a refrigerator. The camp was then ready. After a cooling shower bath, at the Hollenbeck Camp, the girls made ready the supper for which they all had good appetites.

Preparing meals was no small part of the fun, for all followed a typewritten schedule which had been posted on a tree. This gave each definite work to do. Two cooked, two kept the fires going, and two cleaned up, while the last two held themselves in readiness to give any kind of assistance.

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AT CAMP

1. READY TO LEAVE CAMP

2. TWO TENTS WHERE FOUR GIRLS SPENT TWO VERY HAPPY NIGHTS

3. PREPARING SANDWICHES FOR A MEAL IN THE WOODS (NOTE THE TOTEM BOARD WITH ITS PINE TREE SYMBOL IN THE FOREGROUND AND THE IMPROVISED CUPBOARD IN THE BACKGROUND)

4. BREAKFAST AFTER AN EARLY MORNING DIP IN THE LAKE

5. OFF FOR A HIKE

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That first night the cooks had light duties because a cold supper was served. Salmon with mayonnaise, plenty of bread and butter, milk to drink, and huckleberries for desert tasted "mighty good" according to their own words.

Before bed time, numbers of flowers and leaves had been put into the plant presses, there had been a lesson on stars, and every one around the camp fire had seen the moon rise. One of the party said she had never before seen anything half so beautiful as the girls with the firelight on their faces sitting in front of tall cedars silhouetted against the moonlit sky. At ten o'clock when the whistle blew for silence every one was nearly sound asleep.

A whistle at seven o'clock the next morning was the signal to don bathing suits for a morning dip in the tiny lake at the foot of the hill. After the bath, when all were dressed, the fire makers gathered and chopped wood and the cooks made cocoa which, with toasted cornflakes, huckleberries, and coffee cake made a satisfying breakfast.

The girls who cleaned up after breakfast showed a wonderful spirit. When Miss Thompson told the one who was rubbing the great copper kettle not to bother to get the black from the bottom because it would only get black again next meal, she replied,

"But Miss Thompson, my job is to clean up and I wouldn't feel I was doing my share if I didn't get every speck of black from this kettle and make it shine."

Tent inspection followed breakfast, and then a long walk through the woods led to the discovery of many fascinating objects: mushrooms of all colors and shapes, butterflies, beetles and other insects, and a little bog peanut.

During all the walks of this party Miss Cotton declared the girls struck the "Museum gait." No one seemed interested in rapid walking or hikes for the purpose of gaining distant points. Every little bypath had its lure and every natural object invited the closest scrutiny. All the Museum training seemed to focus in shedding light on each Nature problem.

Can it be doubted that the second night's sleep was better than the first, that the days were all too short, and that the breaking of camp on Sunday was a sad ceremony? The last luncheon was eaten at the margin of the little brook, discovered the morning before. Two hours more of wading in the brook and exploring the woods brought the tap of three o'clock on Sunday when they left camp for the five-thirty boat from Bear Mountain to New York.

At half past nine our girls with Miss Thompson and Miss Cotton reached home, tired perhaps, but unreservedly enthusiastic about their camping experience.

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LIBRARY NOTES

Among the visitors to the Library during the months of July and August were many teachers accompanied by classes connected with Vacation Schools. Nine Bible Schools, representing various sections of the city, visited us in July, and six Playground and "Opportunity Classes" came during August. There were also several large groups of boys and girls from the Hebrew Orphan Asylum.

One of the most appreciative classes was a group of Syrian children from the Grace Church Bible School. Mrs. Plough, their instructor, introduced us to "Tom" a lad of thirteen, who is extremely fond of reading. She told us that "Tom" had attended every session of the Bible School, carrying his baby brother with him, and holding him in his lap, while he was doing both manual and class work.

During the summer, many Woodcrafters, Boy Scouts, and Girl Scouts came to the Library for help in identifying flowers from fields and gardens; also the leaves and fruits of common trees, and various species of butterflies and moths. A little girl brought several kinds of galls, and searched diligently to learn their names; while another girl came for advice about the best tree book to buy for use in camp. Boys found data for making sundials, aquaria, batteries, motors, boats, desks, aeroplanes, and pushmobiles.

In June, students in the Maxwell Training School for Teachers came in groups, varying from two to nineteen, to look up a unique phase of "America's Making;" namely, some of the animals introduced into this country from Europe and Asia. The special topics assigned for research included the silkworm, gypsy and brown tail moths, cabbage butterfly, and Hessian fly. Among the imported birds investigated were the English sparrow, starling, nightingale, and skylark; and among household pets were included various breeds of dogs and cats.

To the Librarian was given the happy privilege of representing the Library at the largest gathering of librarians ever held in this country. The occasion was the Annual Conference of the American Library Association held at Swampscott, Massachusetts, during the week of June 20 to 25. Miss Alice S. Tyler, Director of the Western Reserve University Library School presided. Addresses were made by many notable speakers.

The Librarian attended also the wonderful Pageant called "The Pilgrim Spirit," which commemorated the Tercentenary of the Landing of the Pilgrims on Plymouth Rock. The impressive Procession of Pilgrims to Burial Hill graphically depicted the survivors of the first winter in the little colony at Plymouth.

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LECTURES

For all Grades: Tuesdays, 4.00 P. M.

October 4 Insects in the Museum

Habits of Flowers

11 How Flowers Invite Their Little Guests
18 Some Strange Ways in Which Plants Spread Their Seeds
25 Motion Pictures of Flowers—(colored) **M. D. Lee**

For all Grades: Wednesdays, 4.00 P. M.

October 5 Birds in the Museum
12 Special Lecture (see below)

Grades 5A or 5B: **Historical Events**

October 19 The Voyage of the Pilgrim Fathers
26 When Theodore Roosevelt was President **M. D. Lee**

For all Grades: Thursdays, 4.00 P. M.

October 6 Minerals in the Museum

Grades 8A or 8B: **Magnetism**

October 13 Natural and Artificial Magnets
20 How Magnets Behave
27 The Earth's Magnetism **M. D. Lee**

Grades 6A or 6B: **Motion Pictures** Fridays, 4.00 P. M.

October 7 The Story of Oil
14 The Golden Eaglet
21 A Drop of Ink Makes Millions Think
28 A Trip Through Roosevelt's Country with His Friends **M. D. Lee**

Primary Grades: **Motion Pictures** Saturdays, 10.30 A. M.

October 8 The Story of Oil (continued)
15 Grazing on the National Forests
22 Making Sugar Cane Syrup
29 Stock Raising **M. D. Lee**

Primary Grades: **Nature in the Autumn** Saturdays, 2.30 P. M.

October 8 The Busy Life of the Spinner Family
15 What Has Become of the Insects?
22 The Southward Flight of the Birds
29 How Trees Prepare for the Winter **A. B. Gallup**

For all Grades: **Special Lecture** 10.30 A. M. and 2.30 P. M.

October 12 The Voyages and Adventures of Christopher Columbus **M. D. Lee**

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Broadway 7th Avenue Subway to Kingston Avenue Station.
From Brooklyn Bridge: Fulton Street or Bergen Street Surface cars or Fulton Street Elevated cars to Tompkins Avenue Station.
From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue cars to Prospect Place.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. IX. BROOKLYN, N. Y., NOVEMBER 1921 No. 2

Courtesy of the Daily News

IN THE MINERAL ROOM

Comparing hand specimens in the student trays with the larger and finer specimens on exhibition

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MINERAL STUDY

THE VALUE OF KNOWING MINERALS

A knowledge of minerals is essential to every geological and mining engineer, but it is also most desirable for anyone who wishes to understand the fundamental workings of our civilization. From minerals come all the metals that go to make the structure of our activities; the buildings in which we live and work, the trains, ships, and automobiles in which we travel, the wires by which we communicate, and the tools and utensils which we use. The metallic ores, though the chief, are not the only minerals of commercial use. From other minerals come sulphuric acid, fertilizers, insulations, dyes, chemical and art supplies, and innumerable other necessary products. The chief wealth in many of our western states lies in their mineral resources. Over the possession of its minerals many a country has waged war.

The commercial uses of minerals do not constitute the only reason for studying them. Mineral study has a broader application in helping us to understand our environment. The elements have built themselves up by various processes into minerals, the minerals join in aggregates to form rocks, these rocks break down and form soil which in turn is transported by water or wind and redeposited, cemented again, and becomes rock once more, thus completing the endless cycle in the inorganic world as in the organic.

But what a world is locked up in a single crystal; that marvel of regular molecular structure! Its beauty and perfection are beyond compare. If we understood the forces which controlled its growth, which produced its symmetry, its smooth planes, and constant angles, we would indeed be getting back to the first causes of things.

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HOW TO STUDY MINERALS AT THE CHILDREN'S MUSEUM

At the Children's Museum material has been prepared so that any visitor can acquire a good working knowledge of minerals. One should apply to the docent for the leaflet giving requirements for a certificate in Mineral Study. He should then ask for the "model note book for Mineral Study" which will give him directions as to how his note book is to be kept in answering the questions. He should procure for himself a note book the same size as the model one but thicker, and place in it on the fly leaf his name, address, and "Mineral Study, Children's Museum." Then he should number and head the pages in ink as directed. He should further provide himself with a pen knife, and a medium hard pencil. It is better to record descriptions of the minerals in pencil that changes and additions may be made easily. The student should now get from the Library a book on minerals and from the docent a streak plate, a box of minerals giving the scale of hardness, and the first students' tray of minerals. The first tray is called A and contains 20 of our important minerals.

Trays with small compartments have been filled with minerals, each specimen having a letter and number. Each compartment has a label bearing a letter and number which correspond to those of the specimen, and in addition the name of the mineral and its chemical composition. For example the first tray is A. In the first compartment is a mineral marked A-1. In the bottom of the compartment is a label marked "A-1, Iron Pyrites, Fe S_2, Iron sulphide."

With this equipment the student is ready to take up his study of the first mineral. He should remember above all else that his note book is to record *his own observations.* Anyone could easily get most of the material from a text book and thus fill in the description of each mineral. The value of this work to the student, however, will be just to the amount that he acts independently. He should, therefore, make each test himself and use the book only as a reference. The meaning of each heading should be looked up, the descriptive terms understood, and the directions for each test carefully followed. Whenever a characteristic is asked for which his particular specimen does not answer clearly, he should leave a blank, and not copy from the book, for in some later tray he will probably have a specimen which will give the needed information. The first specimen will take one hundred times longer to study than any later specimen, and the first tray will take ten times longer than

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any later tray. After completing A-1 he should take up A-2, turn to its proper page in his note book and proceed as before, and so on through Tray A. He is then ready for the next tray, B, in which he will find some new minerals and some duplicates which will add information to those examined first. After studying the first three trays, he should dump the minerals of the next tray and see how many he can identify on sight. If he repeats this method with each new tray he will be giving himself the best training for his sight test to follow in question I. B. He will progress through the 25 small trays, the

GETTING DOWN TO BUSINESS USING THE SCALE OF HARDNESS

six large trays, the two separate mineral cabinets, and the special collection of five small trays containing 100 different minerals and called the + series. During this study he should consult often the finer specimens which are on exhibition in the Mineral Room.

In his answering I-A—which is necessarily the longest question, he will be gaining the ability to pass the test in I-B and will also be acquiring much information which will answer the succeeding questions.

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REQUIREMENTS FOR THE CERTIFICATE

IN MINERAL STUDY

I Learn 100 minerals at sight. The 100 minerals do not all have to be different species, for of some it is important to know the variety of distinctive forms under one species: such as silica with its forms of rock crystal, rose quartz, chalcedony, flint, opal, etc.

A From a study of the minerals in the trays, of those on exhibition in the Mineral Room, and with the assistance of mineralogy text books keep a note book recording for each mineral in tabular form the following characteristics:

1 name of mineral
2 approximate chemical composition
3 crystal system or important crystal forms
4 cleavage
5 color
6 transparency
7 luster (kind and degree)
8 streak
9 hardness
10 comparative weight
11 peculiar characteristics
12 other forms
13 distinguishing features
14 economic uses, if any
15 localities.

Note: Approximate chemical composition should be given for example:
Calcite—calcium carbonate
Epidote—a complex silicate of calcium and aluminum.

B Identify in a test 50 minerals at sight, giving the name and approximate chemical composition of each mineral.

C Define and give the example of:

1

rock	spinel	luster	twinning
mineral	zeolite	hardness	inclusion
mineral group	gem	streak	stalactite
ore		cleavage	botryoidal
vein	crystal	fracture	pseudomorph
geode	amorphous substance	striation	anhydrous mineral

2 Learn and write in your note book the Scale of Hardness.

D Pass a test on the following, giving name, approximate chemical composition, and relative commercial importance of each:

6 ores of iron
2 " " manganese
1 " " nickel and cobalt
3 " " zinc
1 " " lead
3 " " copper
3 carbonate minerals of commercial use
3 sulphite minerals of commercial use
6 gems
12 rock forming silicates

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II Make an original collection of minerals:

A The collection must contain 15 specimens of rocks and 20 specimens of minerals collected by the student in the field.

B Label each specimen stating:

1 name of mineral or rock
2 approximate chemical composition of each mineral; mineral composition of each rock
3 exact locality from which obtained
4 date of collection

A piece of rock may be offered as a mineral specimen provided it contains the mineral in a conspicuous quantity. The same piece of rock may not be offered to show more than one mineral nor may the same specimen be used as both a rock and a mineral. Obtain as many specimens from bed rock as possible.

III Write a short composition on

A One group of minerals

1 a metallic ore group
2 zeolites
3 feldspars
4 silica minerals
5 amphiboles and pyroxenes—or any other group which is approved
6 silicates
7 carbonates
8 sulphates
9 spinels

B Minerals as gem stones—kinds used and why.

C The processes of mineral formation.

D What is a crystal?

Explain the meaning of crystal structure and show its relation to external crystal forms, cleavage, and luster.

E The history of mineralogy showing its relation to geology.

F The value of a knowledge of minerals.

IV Present your work at a meeting of the Children's Museum League.

Note:

In all written answers give as footnotes all references to books consulted.

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LIBRARY NOTES

A timely exhibit of patriotic pictures in the Library and the adjacent hall has attracted the attention of adult visitors and also the interest of boys and girls.

In a window recess are reproductions in color of paintings of the Explorers DeSoto, LaSalle, and Coronado by Frederic Remington, and a spirited representation of Henry Hudson Trading with the Indians by J. L. G. Ferris. Near them is a fine reproduction of Henry Mosler's "Birth of the Flag," and a group of pictures depicting the Discovery of America by Columbus.

In another series of colored pictures are several posters vividly portraying such subjects as the following: "De Soto's Discovery of the Mississippi;" "Balboa to the World of his Time Gave the Great Pacific;" "The Discovery of Gold in California;" "The Great Council of War at which the Explorers Lewis and Clark made Peace with Indian Chiefs;" "The Old Missions of the Southwest;" "The Postrider;" "Daniel Boone, Hunter, Pioneer, Frontiersman;" and Kit Carson.

A copy of Willard's famous painting entitled "The Spirit of '76," and portraits and scenes in the lives of the "Trio of Great Americans" Washington, Lincoln, and Roosevelt are also included in the exhibit.

In connection with the patriotic pictures are posted lists of plays, pageants, and flag drills appropriate to the celebration of "America's Making." There is also a list of "Stories of Countries" comprising titles of books about eighteen European countries which have had some share in the growth of America. This list was prepared at the request of a teacher in the Brooklyn Continuation School.

The Spirit of Patriotism is further expressed by numerous quotations, such as "The American's Creed," "The Oath of Loyalty to my City," "The Meaning of America," and a "Civic Creed for New York Children."

On September 29, we had the great pleasure of welcoming the junior class of the Library School of the New York Public Library. A date during the first week of the school year was selected for their coming to the Children's Museum, thus commencing a series of visits to the Libraries of New York City and vicinity. Twenty-eight students, representing two or three countries of Europe and various parts of the United States, were escorted by Miss Edith W. Tiemann, the Registrar of the School.

The Librarian gave a short talk to the class about the work of the Museum and Library, after which refreshments were served in the Curator's Office. The remainder of the afternoon was spent in examining the Museum exhibits. Speaking of this visit, Miss Tiemann expressed the pleasure of the students in happy phrase, thus: "As is always the case, we had a delightful time at the Children's Museum."

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LECTURES

Grades 7A or 7B: **The New England States** Tuesdays, 4.00 P. M.

November 1 Boston
8 Special Lecture—(see below)
15 The New England Coast
22 The White Mountains
29 The Connecticut Valley. **M. D. Lee**

Grades 5A or 5B: **Our Feathered Friends** Wednesdays, 4.00 P. M.

November 2 Water Birds, Their Haunts and Habits
9 Woodland Birds
16 Birds of Open Fields
23 The Migration of Birds
30 How to Attract Birds **M. D. Lee**

Grades 8A or 8B: **Electricity** Thursdays, 4.00 P. M.

November 3 Electrification by Friction
10 Electrical Machines and Their Effects
17 An Explanation of the Leyden Jar
24 Thanksgiving Day—no Lecture **M. D. Lee**

Grades 6A or 6B: **Interesting Trips Motion Pictures** Fridays, 4.00 P. M.

November 4 Climbing Pike's Peak
11 The Petrified Forests of Arizona
18 Through the Royal Gorge and Colorado Canyon
25 Special Lecture—(see below) **M. D. Lee**

For All Grades: **Motion Pictures** Saturdays, 10.30 A. M.

November 5 The Legend of Corn
12 A True Fish Story
19 Tractor Farming
26 Concerning Cheese **M. D. Lee**

Primary Grades: **What the Tide Leaves Behind** Saturdays, 2.30 P. M.

November 5 Stars in the Sand
12 Little Houses of Soft-bodied Animals
19 Sea Weeds
26 Jellyfish—Motion Picture **A. B. Gallup**

For All Grades: **Special Lectures** 10.30 A. M. and 2.30 P. M.

November 8 The Work of the Fire Department **M. D. Lee**

November 25 With the Pilgrims at Their First Thanksgiving Feast **A. B. Gallup**

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Children's Museum News

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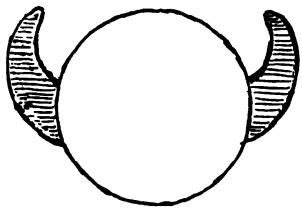
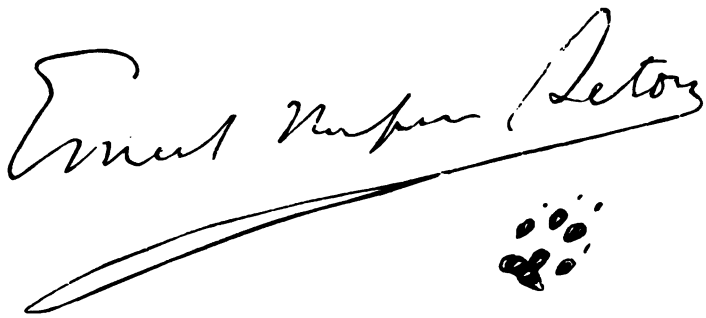
VOL. IX. BROOKLYN, N. Y. DECEMBER 1921, JANUARY-FEBRUARY 1922 NOS. 3, 4, 5



I was deeply impressed with what I saw of your Children's Museum. It is the sort of thing that every community should have. It is the sort of thing that I craved in vain when I was young, and I am quite sure your splendid enterprise, so fully realized, will bear fruit of which Brooklyn should be proud.



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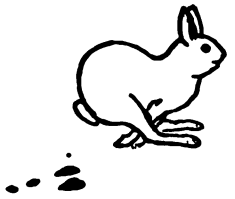
The Woodcraft League of America aims to set before our youth an ideal figure physically strong, dignified, courteous, self-controlled, happy in helping, equipped for emergencies, wise in the ways of the woods, in touch with the men of affairs, of such all round development that he can quickly be made a specialist in any needy place, and filled with a religion which makes him desired and helpful here today.

THE LAWS OF THE WOODCRAFTER

Fortitude: Be brave, be silent and obey.
Beauty: Be clean, be strong, protect wild life alway.
Truth: Speak true, be reverent, play fair when you strive.
Love: Be kind, be helpful, glad you are alive.



Can you tell why the rabbit puts his hind feet down ahead of his front ones?

Do you know the bitter Bread of Wisdom, that is buried in the aisle of Jack in the Pulpit's Church? Beware, touch it not!

Do you know the best way to camp — how to choose a camp site — how to cook over the open fire?

Can you tell what the woodchuck does one day in winter?

The cuts for this issue are loaned by the Woodcraft League of America.

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A WOODCRAFT COUNCIL

It was an early evening in summer. The sun, sinking ever lower in the West was throwing lengthening, purple shadows through the woods and touching the loftiest branches with a golden glint. The silence, usually broken only by the call of a bird to its mate or the rustle of dry leaves in the breeze, was now completely dispelled by a sound of voices and an occasional trill of merry laughter.

Then as if some magic signal had been given, the voices and laughter came nearer and out of the woods from here and there numbers of girls and boys emerged, some with armfuls of chopped wood, others with hands piled high with dry leaves and cedar bark, and all with happy, smiling faces. They came out into the open and some began to form a large circle with rocks and logs for seats, while others arranged the wood in the center for a fire. When all was ready they came together, bright-eyed girls, sturdy boys, and numbers of older men and women. With happy solemnity they took their places in the ring. They presented a truly beautiful picture, with their eager faces and expectant eyes watching the Chief, whose council rock stood at the foot of a great gnarled oak. The sinking sun poured over all a rosy hue and deepened the colorings of the blue, red or green totems which the groups displayed.

And so the Grand Council of Woodcraft tribes began. Girls and boys, men and women from all ranks and stations in life were gathered there. All age and caste were forgotten in the spirit of play and the common love of the healthy, wholesome out-of-doors.

From earliest times men have gathered thus. They have sat in circle around a fire and been called to order by the even beat of the Tomtom or the weird, minor call used by the Indians of the Southwest. "After the manner of the forest children," the fire was lighted with a spark made by the rubbing sticks and kindled by the best woods' tinder, a mouse's nest.

When the fire was glowing brightly and the Tally and Firekeepers had been appointed, the Chief called upon a boy to make the sand painting around the fire and give the laws, the four-fold laws of Woodcraft each with its three rays.

Then came the report of scouts and round the circle numerous hands arose, each anxious to be called upon to tell some wonder discovered, some treasure unearthed. One after another these woodcrafters stood as they were recognized, and with dignity addressed the Chief, making the

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Woodcraft handsign at the same time. "Oh, Chief," said one boy, displaying a queer formation on a leaf, "I have here an oak leaf gall, which I found on my way to Council," and then told how it had been formed. And other boys and girls wishing to pass some special bit of information and discovery on to others told of birds seen, or of various flowers found. The Council showed its approval by using the Indian word of approbation, "How."

FIRST GRAND COUNCIL OF WOODCRAFTERS HELD IN PROSPECT PARK, NOVEMBER 6, 1920, AT WHICH TWO CHILDREN'S MUSEUM TRIBES WERE INSTALLED

After scout reports, came suggestions for the good of the tribe and then new members were installed. One very impressive ceremony took place when a girl, who had won 24 Woodcraft honors, representing work in many and varied subjects, and who had been recommended by her tribe because of her splendid Woodcraft spirit, was given the rank of Sagamore and entitled to wear the Sagamore blanket in Council. This blanket, which had been gorgeously decorated with appliqued feathers and tribal symbols was placed upon her shoulders amid hearty cries of "How, How."

Various honors were then claimed and awarded. There were honors for knowing trees and birds and flowers, honors for excelling in deeds that showed athletic prowess, honors that girls had won for helping in

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definite work at home and honors that involved work in school. The subjects were varied and all round and the requirements rigid enough to demand the expenditure of real effort in the winning. Each boy or girl winning an honor received a small embroidered feather to be sewed upon the honor band worn over the shoulder.

Then came the real play part of the Council. There were contests like the hand wrestle and chicken fight, which were tests of strength. Others, such as balancing, solemn contests, or talk fests, required and developed self-control. Then there were movies acted, and poses taken which were judged according to the imagination displayed. General Nature information, teamwork, sense of distance, were all tested in the contests, accompanied by gales of laughter and great hilarity.

Night had come by this time and against the dark blue of the sky and the black silhouettes of trees, the fire with its myriads of rising sparks made a beautiful picture. It was just the hour for a story. The eager faces glowing in the firelight were full of expectation as the storyteller began, "Once in the days of long ago," and with his magic art carried all of them to a land of legend and romance, the Indian's land, before the white men came.

When the story was ended, all rose and quietly lifting their hands toward the starry sky began to sing in sweet, clear voices that song, which fits all times and all creeds, the ancient Omaha Tribal Prayer. In Indian words they sang and the music, carried by the soft, night air, bore with it this thought, "Father, a needy one stands before Thee, I that sing am he."

Thus the Council was ended.

So meet in Council the lovers of the fields and forests and so meet the boys and girls of the Children's Museum, building their Council fire in the woods of Hollis far beyond the city limits, or after the manner of the white man, gathering in the Council which has been established in the Museum basement.

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THE INAWENDIWIN TRIBE OF WOODCRAFT GIRLS AND THE MOGEWETU TRIBE OF WOODCRAFT BOYS

These tribes were organized at the Children's Museum and installed as chartered tribes of the Woodcraft League of America at a Grand Council of Brooklyn Woodcrafters at Prospect Park, November 6, 1920.

Much time is spent by the members at the Museum in working for honors. Hikes are taken throughout the year and many happy hours are employed searching for Nature materials for Scout reports and in learning the ways of the woods.

Inawendiwin Tribe

Membership
36 Wayseekers

Honors
(Coups) won 48
Degree 1

Chief.....Leonore Nealon
Tally Keeper.....Dagmar Nelson
Wampum Keeper.....Albinia McKay

Band Chiefs
Edith Fraker.....Sea Birds
Dagmar Nelson..... Sinawa
Pauline Barth..... Sunrise
Leonore Nealon.....Wapameo
Ruth Silverman.....Fleet Foot

Brownie Wigwam
Membership 36
Honors won 38
Chief.....Joy Hindle
Tally Keeper.....Grace McKay
Wampum Keeper....Helene Keely

Mogewetu Tribe

Membership
19 Wayseekers
1 Pathfinder
25 Brownie Wigwam

Chief.....Morton Wadsworth
Pathfinder
Tally Keeper.....Leo Yedlin
Wampum Keeper.....Maurice Jacobs

Band Chiefs
Aaron Katz .....Black Wolves
Louis Perloff.....Silver Foxes
Samuel Ives.....(New Band)

Honors
Low Honors (Coups) won by Tribe 86
High Honors won by Tribe 26
Degrees 11

Brownie Wigwam
50 Honors
Isidore Levine.....High Brownie

Of these honors 114 are for Nature craft or Camp craft

Do you know how a boy or girl, though living in a great city, may learn the ways of the woods?

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LIBRARY NOTES

The Library had a memorable share in the visit of Mr. and Mrs. Ernest Thompson Seton to the Children's Museum, on the morning of November 8th. It was a happy privilege to call the attention of Mr. Seton to our collection of books written and illustrated by himself, including the following titles: "Two Little Savages," "Rolf in the Woods," "Book of Woodcraft," "Foresters' Manual," "Woodcraft Manual," "Wild Animals I Have Known," "Lives of the Hunted," "Biography of a Grizzly," "The Trail of the Sandhill Stag," "Biography of a Silver Fox," "Wild Animals at Home," "Animal Heroes," and "Arctic Prairies." The latest acquisition to this list is the charming series of stories called "Woodland Tales," which has just been received by us.

By a happy coincidence, the attention of both our guests was called to an old scrap-book formed of excerpts about the "Woodcraft Indians," which were published in the Holiday Magazine in 1904. There is a frontispiece of Ernest Thompson Seton in full regalia as Chief of the Tribe. Another picture entitled, "Negaunneekahboh Initiating a Visitor," has been made doubly interesting by Mr. Seton's giving us the names of the persons taking part in this ceremony. Among the notable persons represented are Miss Mary White, Frederic B. Burton, Walter W. Storms, Loraine M. Wood, William Roberts, and Charles G. D. Roberts.

Our picture bulletin suggesting the general theme of WOODCRAFT, includes various types of Nature study, and a group of sample knots. There is also a photograph of Mr. Seton and Mrs. Charles Lanier taking charge of the cooking at Mr. Seton's "Wyndygoul" Woodland Camp.

Four attractive framed pictures have been presented to the Library by Miss Kate E. Perry. Two pictures in color represent the Cathedral of St. Marks in Venice, with its beautiful campanile; and the two etchings portray scenes in the historical town of Stratford-on-Avon.

The attention of the older boys and girls is invited to several new books in General Science. Among them we mention Trafton's "Science of Home and Community," Elhuff's "General Science," Comstock and Troland's "Nature of Matter and Electricity," Percival's "Electric Lamp Industry," Slosson's "Creative Chemistry," Lewis's "Splendors of the Sky," and Fabre's "Secret of Every Day Things." There is also a new edition of Jackson's "Elementary Electricity and Magnetism," revised and enlarged by N. Henry Black.

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LECTURES

Grades 7A or 7B:	**Wonders of Nature**	Tuesdays, 4.00 P. M.
February 7	The Grand Canyon of the Colorado	
14	The Royal Gorge of Colorado	
21	The Why of a Volcano	
28	Geysers and Hot Springs	**M. D. Lee**

Grades 5A or 5B:	**American History**	Wednesdays, 4.00 P. M.
February 1	The First Explorers	
8	Settlers of the Middle Atlantic States	
15	The Colonization of New England	
22	Special Lecture (*see below*)	**M. D. Lee**

Grades 8A or 8B:	**Electricity**	Thursdays, 4.00 P. M.
February 2	The Telegraph	
9	Electric Bells	
16	Induction Coils	
23	Motors and Dynamos	**M. D. Lee**

Grades 6A or 6B:	**Motion Pictures**	Fridays, 4.00 P. M.
February 3	Soap Making	
10	Fox News	
17	Canadian Rockies	
24	Fox News	**M. D. Lee**

For All Grades:	**Motion Pictures**	Saturdays, 10.30 A. M.
February 4	The Salmon Industry	
11	The Olive Industry	
18	Growing Apples	
25	Harvesting Ice	**M. D. Lee**

Primary Grades:	**Little Animals**	Saturdays, 2.30 P. M.
February 4	Moths and Butterflies	
11	The Silk Worm	
18	With the Spider Family	
25	The Busy Honey Bee	**A. B. Gallup**

For All Grades:	**Special Lectures**	10.30 A. M. and 2.30 P. M.
February 12	Lincoln the American	**A. B. Gallup**
22	Washington the Patriot	**M. D. Lee**

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VOL. IX. BROOKLYN, N. Y., MARCH-APRIL 1922 NOS. 6, 7

GIRL SCOUTS IN TRAINING

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THE MUSEUM A SCOUT CENTER FOR NATURE STUDY

A new title has been added to the Children's Museum. On the third Friday evening and the third and fourth Saturday mornings of every month Brooklyn's storehouse of treasures for children is known to Girl Scouts as OFFICIAL HEADQUARTERS FOR SECOND CLASS NATURE STUDY TESTS. During these sessions Khaki fills the building and troop flags signal a new era of higher standards for Nature Study scouting.

This work was begun in October 1921. Up to that time decidedly meagre descriptions of birds, animals, trees, and flowers had been handed in by the Scouts. To quote one paper:

"A sparrow is a bird with g. 'eathers found in every tree.
A maple tree is usually found any place in the north and loses all of its leaves in the winter. It has a peculiar leaf.
A lion is a ferocious wild animal found in jungles.
A daisy is a yellow flower with a black center."

The necessity of further help and guidance in Nature Study preparation was apparent. In order to improve the quality of this work, the following outline was compi'

Bird Test

Give list of 6 birds and describe them according to
(a) Size (compared to American Robin)
(b) Plumage
(c) Call
(d) Habitat—Where bird nests
(e) Value to man

Tree Test

Describe six trees as follows:
(a) Outline of tree against sky
(b) Describe direction of trunk and branches
(c) Arrangement of buds—opposite or alternate
(d) Leaves—single or compound—margin—lobes—sketch leaf
(e) Bark
(f) Of what use is wood to man?

Flower Test

Describe six flowers according to
(a) Color
(b) Arrangement
(c) Plant on which it grows
(d) Season
(e) Where does it grow?
(f) Is the blossom fragrant?

Animal Test

Describe six animals as to
(a) Size and shape
(b) Color and covering
(c) Habitat—Where does animal live? What does it eat?
(d) Value to man

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Within two months, along with the help of this outline, the Museum collections, the Library, and the Museum instructor, the author of the paper quoted above had passed her Second Class Test and had expressed a desire to earn future merit badges in Nature Study.

The opportunity of aiding Boy Scout Headquarters came through an invitation to visit the Museum, that was extended to Scout Masters in October 1921. Over fifty Scout Masters accepted, and they were deeply impressed with the facilities offered by the Museum for intensive Nature Study work. At their petition a series of lectures on birds, trees, and animals was given to Scouts during the spring months and a summer schedule for Scouts was outlined.

On July fifth Miss Gallup, the Curator of the Museum, opened the Summer Course with a lecture on "How to Know the Birds." Throughout July and August the following topics were presented:

The Hummingbird and Making Bird Houses
The Trees which Make Good Fire Wood
Conservation of Forests
Fighting Forest Fires
How to Know the Wild Flowers
Lessons in Pressing and Mounting
Knot Tying and Splicing
Some Animals You May See Around Camp
How to Make a Good Camp Fire
Trees Every Scout Should Know
Wild Flowers You Will Find on Your Hikes this Fall.

At the conclusion of this course Scout Headquarters asked for an intensive training course for Boy Scouts who were to be selected by District Commissioners as having a deep interest in Nature Study. This course was given during November and December, and at its termination twenty-six Boy Scout Nature Instructors were ready to begin their work as leaders in Nature Study for their respective districts.

Excellent reports concerning the local activities of these newly qualified instructors have been received from Mr. A. W. Beeny, Deputy Field Executive of the Brooklyn Local Council of the Boy Scouts.

Museum activities in Scout work have been received enthusiastically by both Girl Scouts and Boy Scouts. The following paragraph expresses one boy's tribute to the Museum:

> "A Scout can find clear and simple answers at the Museum for all phases of outdoor learning. In the little time I have spent at the Museum I learned just by sight more than I could by reading a book. To the Scout the Museum is a gold mine of new revelations of outdoor life. The Boy Scout Handbook is just an outline of scouting. The Children's Museum is a Bear Mountain with all its birds, animals and forests, an institution of learning which teaches a boy in the way that he loves to be taught."

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MUSEUM TESTS

Do you remember the scarey days of tests, examinations, quizzes, or whatever you used to call those momentous hours during which the contents of your intellect were counted out in marks up to one hundred? Then you were rated as deficient, meritorious, or possibly excellent. Even those who walked out from under the strain as perfect specimens of intellect often felt the horror, the dread, and the keen suspense of the terrifying hours. Taking Museum tests is quite another matter.

First, the candidates present themselves entirely through their own volition. A steady stream of applicants files into the examiner's office, literally "begging for tests." With this voluntary desire, half the battle of testing is won. The process loses all horrifying signs and assumes an atmosphere of play, although it is really constructive work.

Further, the choice of subjects is purely optional. The field covers no less than the entire world. If you were to glance over the examiner's record book, you would see notations such as the following:

Catherine Whitaker—Test in six flowers, birds, animals and trees.
Martin Levison—Ten Moths.
Martha Post—Preamble to the Constitution of the United States.
Anthony Leviero—Fifty minerals.
Charles Ornstein—Twenty-five animal tracks. Twenty-five fishes. Hunter in town degree.

What do these notations mean? simply that "Museum Tests" proper are those for which the Museum itself grants rewards. For instance, a candidate who successfully describes twenty-five birds, according to size, plumage, and habits, may keep a beautifully mounted bird for a week in his home. Upon its return, another bird may be taken. In this way bluebirds, Baltimore orioles, and over a hundred other birds fly into Brooklyn homes. During the summer, tests are given in butterflies and moths. When they are passed, the privilege of using Museum nets for collecting insects is granted.

Woodcraft is also well established at the Museum. Over eighty pages of Ernest Thompson Seton's Manual are used for the winning of coups or honors. The youngest Woodcrafters are called "Brownies." They have a simplified Manual resembling that of the Big Lodge. Can

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you picture the thrill of receiving neat little Indian coups in the dignified tribal ring for achievements in athletics, campercraft, Nature Study, home craft, needle craft, and entertaining? Can you feel the pride of wearing a shoulder band that is decorated with coup feathers which you yourself have earned? Can you imagine the pleasure of graduating from the rank of Wayseeker to Pathfinder, and on up the honorary line to Sagamore, Grand Sagamore, Sachem, and even Grand Sachem?

What is the penalty if you do not pass a "Museum Test?" Only this! The examiner will suggest further lines of study which, when followed, will enable the candidate to complete the test successfully. As many of the tests are oral, the applicant gains power to put thoughts into words. One of the thoughts that the examiner continually meets is that a candidate has become so deeply interested in a Museum subject that he begins to anticipate a college course.

WOODCRAFT NOTES

A new trial has been opened—a trail that leads to a school that is ever new—a school of the woods and fields—a school that has a program for the year round, that has a means of building character—that is the "open sesame" to a new world of pleasure.

The Brooklyn Council of the Woodcraft League has been conducting a training course for men and women who wish to take a degree in the "University of the Outdoors" and become leaders in Woodcraft League work. This course has been held in the Woodcraft Room of the Children's Museum and has been attended by thirty-six men and women representatives of Brooklyn Schools, Sunday Schools, Settlements, and other organizations. Some parents have come for suggestions in work with their own children.

CHILDREN'S MUSEUM LEAGUE

There are 10,175 members in the Children's Museum League. This is a club worth joining for it keeps its members in touch with the activities of the Museum. It is hoped that eventually every Brooklyn child will be enrolled. Ten cents secures a life membership and an attractive pin which bears a picture of the Museum.

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TREE CLUB

The Junior League of the American Association for the Planting and Preservation of City Trees which has its Headquarters at the Children's Museum would like to raise enough money this spring to plant trees on one entire city block. In order to accomplish this, the Club is having a special drive for the collection of old newspapers, magazines, tinfoil, and scrap metals. These are sold and the money added to the Tree Club fund for the purpose mentioned above. If any nearby friend of the Museum wishes to have such articles collected, either telephone or write to the Children's Museum, and a member of the Tree Club will call for them promptly.

The new Tree Club pin is now for sale at the Museum. It may be purchased for ten cents and confers the title of Tree Warden upon the wearer. It is assumed that members of the Tree Club will live up to that name—and they do!

LIBRARY NOTES

During recent months, the Library of the Children's Museum has been of service in many ways to Boy Scouts and Girl Scouts, and to their Captains and Leaders. On several evenings when Boy Scouts were visiting the Museum, the Library was open and a selection of the best manuals and guides for studying animals, birds, flowers, and trees was displayed upon the Library tables.

On Saturday mornings Girl Scouts who were preparing for Second Class Tests were helped to find the best books about Nature Study, history of the flag, the mariner's compass, and fire prevention. Other Scouts who came for the purpose of passing tests, but finding themselves unable to do so, gleaned from the Library all information necessary to reach the desired goal.

Scout Masters and Scout Captains have asked for lists of books to interest their troops in biography, handicraft, and wireless telegraphy. The Library has also shown maps of Long Island which have been used in arranging for scout hikes.

The Library's picture bulletins have served to call attention to striking silhouettes of trees. Colored photographs of wild flowers and birds have also been of interest to the Scouts. Pictures of birds have suggested the idea of protective coloration and have also marked the differences in color between the male and female of the same species.

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This afternoon we want you to forget
The troubles and the trials you have met,
To put aside the things that fret and fuss
And spend an hour in the Museum with us.
There we will show you how we learn to know
As friends, bright birds that fly, fair flowers that grow
In our own land and lands across the sea,
In France perhaps or dreamy Italy.
Ours is a place where lovely treasures lie,
Hopes of to-day and dreams of years gone by.
One finds there friendly things of everyday,
A baby's dress that came from far away,
Wee Chinese shoes and vases made by hands
That washed in pools beside warm eastern sands.
One also sees real birds on life-like trees,
Or listens to the hum of busy bees,
While goldfish bask contented in the sun,
Watching the happy hours laugh and run.
How many stories all these things can tell
Of those that found life and lived it well.
And all these treasures, memory-tinted fair,
Teach us to find Museums everywhere—
Vast stores of wealth that God has placed
In what to many seems a barren waste.
The hours and days we spend there blaze
Rich winding pathways for our afterdays;
For he has friends that ever stay the same
Who learns to call all Nature by its name.
So, come and step with us inside the door
Where life gains beauty never known before.

Note: This poem was written by Miss Violet Alleyn Storey who was a frequent visitor to the Children's Museum during her girlhood days. It was first presented as the prologue to a series of Museum Interludes which formed a part of the program of the November 1921, meeting of the Colonial Daughters of the 17th Century.

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LECTURES

Grades 7A or 7B: **Trees** Tuesdays, 4.00 P. M.

April 4 The Lumbering Industry
11 What a Careless Hunter in the Woods Can Do
18 Forest Trees
25 Cocoanut Trees and Tropical Plants **M. D. Lee**

Grades 5A or 5B: **American History** Wednesdays, 4.00 P. M.

April 5 The Mexican War
12 The Civil War (Part I)
19 The Civil War (Part II)
26 The Spanish-American War **M. D. Lee**

Grades 8A or 8B: **Geography of South America** Thursdays, 4.00 P. M.

April 6 Brazil
13 Argentine
20 Chili and Bolivia
27 Peru **M. D. Lee**

Grades 6A or 6B: **Motion Pictures** Fridays, 4.00 P. M.

April 7 The Children's Hour
14 Rip Van Winkle
21 No Lecture
28 Boy Scouts at Camp **M. D. Lee**

For All Grades: **Motion Pictures** Saturdays, 10.30 A. M.

April 8 Folk Dances in Sweden
15 Laplanders
22 Home Life in Japan
29 Hawaiian Fishermen **M. D. Lee**

Primary Grades: **Children of Nature** Saturdays, 2.30 P. M.

April 8 Creatures of the Roadside
15 Animals of Pond and Stream
22 Life in the Sea
29 Nurseries of the Woods **A. B. Gallup**

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Broadway 7th Avenue Subway to Kingston Avenue Station.
From Brooklyn Bridge: Fulton Street or Bergen Street Surface cars or Fulton Street Elevated cars to Tompkins Avenue Station.
From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue cars to Prospect Place.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. IX. BROOKLYN, N. Y., MAY 1922 No. 8

THE EXECUTIVE BOARD OF THE TREE CLUB PLANTING
THE BROWER MEMORIAL LINDEN

SATURDAY, APRIL 8, 1922

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THE BROWER MEMORIAL LINDEN

According to Dr. John Mickleborough, "Bedford Park possesses the most famous Linden Tree on Long Island."

The fame of this tree will continue not only because of its stately contour, its graceful, yellowish white flowers, and its protecting sprays of foliage, but also because it was planted in Bedford Park on April eighth of this year by the Junior League of the American Association for the Planting and Preservation of City Trees, as a tribute to Mr. George V. Brower, who up to the time of his death in 1921 was President of the Association.

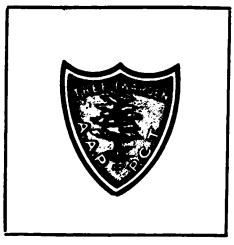
The Linden was Mr. Brower's favorite tree. There is an element of sympathy about the Linden which inspires the deepest and highest in human feelings and interests. It is, therefore, altogether fitting that this tree should serve as a reminder of Mr. Brower's helpful interest in the Children's Museum, for it was mainly through his influence that the Museum stands in Bedford Park.

Dr. Mickleborough, who was a personal friend of Mr. Brower, also mentioned in his address at the tree's planting, that Mr. Brower loved children as well as Linden trees. It was through the efforts of the Museum children under the supervision of Miss Margaret Wilson Carmichael, Director of the Junior League, that the Linden tree was planted. The members of the League presented the tree, helped to plant it, and sang about it.

Mr. W. J. Boers, who was a neighbor of Mr. Brower for many years, also spoke at the planting. He told of the former Park Commissioner's kindly interest in every one with whom he came in contact. He said that Mr. Brower was not a driver of men, but that men worked unceasingly for him because they instinctively felt that the goal toward which he aimed was not one of personal gain, but of good for all.

Mr. Brower wished to make Brooklyn a beautiful city in which to live. The most famous tree on Long Island is but one of the many trees whose canopies of lovely green reflect the foresight of Mr. Brower. This particular tree, however, is the "Memorial Linden," planted by Tree Wardens whose pledge echoes Mr. Brower's effort toward promoting good fellowship in behalf of trees.

THE JUNIOR'S PLEDGE



I promise to Study, to Protect, and to help Plant Trees whenever and wherever called upon.

I will be Loyal, Honest, and Obedient and will help Promote Good-fellowship in behalf of Trees.

I will be Courteous and Patient in all my requests for the care of Trees, and will win for my "Tree Warden" badge respect and honor.

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THE PRESIDENT OF THE JUNIOR LEAGUE ADDRESSING THE RELATIVES, NEIGHBORS, AND MANY FRIENDS OF THE LATE GEORGE V. BROWER

A WOODCRAFT HIKE

When children find themselves in the midst of a thousand daisies, in the center of a field of clover or near a bed of deep blue violets, they are apt to experience that sense of greed which prompts them to gather armfuls and countless basketfuls of lovely flowers. It may seem heartless to term this passion "greed" for it is, perhaps, the desire of children to gather about them things of exquisite beauty. On the other hand, when a child ruthlessly pulls up plant after plant and in many cases flings them carelessly away, he exhibits a lack of true regard for the out-of-door WONDER WORLD.

Museum Woodcrafters do not show tendencies to destroy that which Nature has taken infinite care to create. Recently the Head Guide and members of the Museum's Mogewetu Tribe were hiking through woods in New Jersey. The leader was impressed with the care that the Woodcrafters showed for the living things all about them. Branches appeared infinitely more beautiful on trees than when they lay broken upon the ground. Each tree was a poem in itself. A tiny flower, as in the Japanese art of Ike-bana, was more beautiful when arranged naturally upon its plant than when it was bunched carelessly together with many others of its kind. A huge bunch of flowers was but a mass of color to them. An individual blossom seemed to give not only color, but symmetry of form. The Woodcrafters picked flowers for specimens to be carried home and studied, and a few flowers were gathered to brighten city homes. In the collecting, however, there was a distinct absence of "greed" and disregard for the plants.

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The Head Guide recalled the first hike on which these boys had gone. At that time all interest seemed to center about the luncheon and the making of a camp fire. The Head Guide had noticed that this novelty had worn off. The boys' entire attention seemed to be focused upon the pursuit of new interests in the out-of-door world.

The hike was often interrupted, for every bird that sent its cheery call echoing through the woods had to be listened to and, if possible, identified. There seemed to be a robin on every path and a blue jay in every tree. Leaves, mosses, ferns, minerals, and even salamanders kept the boys wide awake. Hiking to these Woodcrafters meant not only physical exercise, but also the opportunity of actually identifying the things about which they had learned at the Museum. This was the Museum made alive. The Children's Museum had taught these Woodcrafters to admire the beauty of the out-of-doors, and their search was not for passing fancy, but for knowledge of the A.B.C.'s of Nature Study.

A LINK WITH THE ART WORLD

The Children's Museum shines by reflected glory whenever one of its former visitors scores a distinct success in the world. A moment of such glory was ours when on March 26, the New York papers announced an exhibition of portraits of American Indians, then on view in the Anderson Galleries, as an "exhibition of more than usual importance." The young artist who was thus brought into prominence is W. Langdon Kihn, a former student in our Museum. Referring to his work the New York Times of March 26 says, "Mr. Kihn's portraits are marvels of incisive characterization. * * * Each is firm, clear, and direct seizing the essential message of the face with youthful certainty and conviction. Any one at all interested in the life and history of America will get from the exhibition much besides its aesthetic quality but this is not to be underestimated. If Mr. Kihn were not first of all an artist and one of marked talent his records would be worth very little."

The members of our staff remember with great pleasure young Kihn's first visits—paid originally for the purpose of drawing mounted birds, many of which he carried home for closer study. Busying himself with these, he developed a remarkable color sense. Occasionally his drawings found their way to the Museum bulletin boards where they attracted admiring attention and carried over the message for which they were designed.

But the artist's high standards were not to be attained through work with "specimens" alone. Early he realized he must know the living birds, their habitats and their ways. Following this awakening, he became an out-of-door student until a trip with his teacher through the Indian Reservations of the West gave inspiration for his present work.

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THE WOMAN'S AUXILIARY

The fifth annual meeting of the Woman's Auxiliary was held in the Museum on Friday, April 21. It was a business meeting, the entire day being given to the election of officers and the presentation of nineteen reports. The past year was shown to have been productive of larger results than any other year in the history of the Auxiliary.

Through the Auxiliary a link of close union has been established between the Museum on the one hand and the Woodcraft League, and Scouts on the other.

A new Ford Sedan car, a gift of the Brooklyn Woman's Club, is soon to be placed in the field for the purpose of establishing new bonds of union between the Museum and numerous centers in our Borough where the Museum influence is desired because greatly needed.

AROUND THE WORLD WITH THE STEREOSCOPE

"If I had a million dollars," exclaimed a ten year old Museum visitor one day, "I'd take a trip around the world!"

That little word "If" of Kipling fame came into play. For a moment it seemed to build up an impenetrable barrier between a million dollars and the cherished trip around the world.

It happened, however, that the docent in the Busy Bee Room had overheard the prospective traveler's remark, and was moved to suggest, "You do not need a million dollars."

The Museum visitor gazed at the docent in wonder. How could one travel around the world without a heavy purse?

"All you need are two good eyes, clean hands, and a stereoscope," the docent continued with a mysterious twinkle in her eyes.

A puzzled expression crept over the child's face. He rushed away to wash his hands. Soon he stood again in the Busy Bee Room, ready to set sail on the first outgoing ship. To his surprise, he found that he needed no passport. He did not even require a steamer chair. The custom official, who was the docent, inspected his hands, and finding them spotless, handed him a stereoscope.

"In which direction will you journey first?" she inquired.

The traveler had heard of the "Flowery Kingdom," and he cried with delight, "I'd like to go where the cherry trees bloom and where the fringe-tails swim!"

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A wooden cabinet filled with stereoscopic pictures was handed to him, and in a few minutes he had traveled across the Pacific on the "Empress of Asia," and was enjoying the wonders of Japan. Soon more travelers joined his party, and the other eight Museum stereoscopes were brought forth.

The day was not long enough for a complete trip around the world and so the travelers came day after day to the Busy Bee Room. Each time they brought more fellow travelers. There were journeys through the United States from the Great Lakes to the Gulf of Mexico and from the Atlantic across the Rockies to the Pacific. Visits were made to the beauty spots of the British Isles. The travelers journeyed through Holland, delighting in the picturesque windmills and the quaint Dutch children with their wooden shoes. They climbed the high Alps and wished that they had brought their "Flexible Flyers" to use upon the vast lakes of ice in Switzerland. After crossing the Mediterranean to Egypt the travelers gazed in wonder at the ancient Pyramids and the great Sphinx. Through the Suez and the Red Sea they sailed, and wound their course through the Arabian Sea and the Indian Ocean. The city of Calcutta was visited. Wonder upon wonder greeted their eyes as they traveled through India and at last pushed their way into China.

In imagination the travelers feasted upon the great world in which they lived. A million dollars in no way bothered them. This vast sum was not necessary because last year Miss Ella M. Hall presented the Children's Museum with three hundred stereoscopic views of India, China, and Egypt. Miss Matilda Sanderson of Brooklyn increased the collection by one hundred and forty-four views and one stereoscope. Miss Mabel Colvin added about fifty cards of scenes in the United States. Mr. Robert J. Goodnough of 18 Seventh Avenue, Brooklyn, presented the Museum with four stereoscopes and over twelve hundred views of scenes in the United States, Mexico, the British Isles, Holland, Germany, Switzerland, Palestine, Egypt, and the Orient.

The Museum has found it advisable to place this vast collection under the supervision of a docent who directs the pilgrimage to many lands of the world. The stereoscope affords a delightful opportunity for extensive traveling. The traveler does not need to suffer the discomfort of sea-sickness, nor experience the unpleasant changes of climate. The little instrument is as wonderful as Aladdin's Lamp. It makes the wishes of "would-be" Museum travelers come true. There are hundreds of Museum visitors who wish to express their thanks to these friends of the Museum who have made trips around the world possible.

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LIBRARY NOTES

Notwithstanding the fact that our printed list called "Some Nature Books for Mothers and Children" was compiled several years ago, requests for this list have been received lately from distant parts of the country. We are informed by the Supervisor of Branches of a Public Library in a far western city, "Your list has been received, and we are delighted with it."

Likewise, the librarian in a Californian town writes, "The list will be a help to me, I am sure, I can add in pencil (as you suggest) any titles that we have in this little library that may not be included in your excellent list."

A group of people who are interested in starting a little Museum in Rutherford, New Jersey, inquired about a list of books which would be helpful to them. They also requested that the titles of the most desirable books for founding a Nature Library should be checked in the printed list previously mentioned.

For several weeks, the junior students in the Maxwell Training School for Teachers have been coming to the Library in groups, ranging from two to twelve or fifteen. Some of these students have prepared outline lessons about hemp, flax, rice, the screech owl, or Baltimore oriole. Others have reviewed collections of Nature poetry or books about trees, flowers, and birds. A large number of students have taken notes about the purpose of the Museum, and the ways in which the Library may be of service to them.

Naturally, the Library has had many inquiries for information about radiophones and methods of "hooking up" apparatus for wireless telephone receivers. One teacher and her class of boys from a public school in the city reported that they were about to install a radiophone, in their school building, and they were desirous of getting all possible data and diagrams which would be a help to them.

It was a pleasure to pass over to the Brooklyn Children's Aid Society for the use of the children in the Convalescent Home for Crippled Children at "Edgecliff," and at the Herriman Farm School, one hundred bound books and about five hundred magazines and picture books which had done good service in our own Library. We were gratified to learn that the boys in the Herriman School are especially interested in wireless telegraphy, since they have been supplied with apparatus which enables them to listen to the Radio concerts sent out from Newark by the General Electric Company. They are also provided with carpentry equipment.

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LECTURES

Grades 7A or 7B: **Our National Parks** — Tuesdays, 4.00 P. M.

May 2 Yellowstone
9 The Grand Canyon of the Colorado
16 Yosemite Valley
23 Glacier National Park

M. D. Lee

Grades 5A or 5B: **Industries of the United States** — Wednesdays, 4.00 P. M.

May 3 Coal Mining
10 Wheat Raising
17 Cotton Cultivation
24 Sugar

M. D. Lee

Grades 8A or 8B: **Historic Stories** — Thursdays, 4.00 P. M.

May 4 The Courtship of Miles Standish
11 Evangeline
18 The Lady of the Lake
25 Rip Van Winkle

M. D. Lee

Grades 6A or 6B: **Motion Pictures** — Fridays, 4.00 P. M.

May 5 In the Friendly Waters of Greece
12 The City of Rheims
19 The Gateway to France
26 The World at Play

M. D. Lee

For All Grades: **Motion Pictures** — Saturdays, 10.30 A. M.

May 6 A True Fish Story
13 Farming with Dynamite
20 How Petroleum is Produced
27 The Story of Thirsty Fibre

M. D. Lee

Primary Grades: **How to Study Insects** — Saturdays, 2.30 P. M.

May 6 The Parts of Insects and Their Uses
13 How to Discover Insect Relationships
20 Where and How to Collect Insects
27 How to Preserve and Mount Insects

A. B. Gallup

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Broadway 7th Avenue Subway to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street Surface cars or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue cars to Prospect Place.

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Children's Museum News

VOLUME X

OCTOBER 1922 TO MAY 1923

An illustrated periodical devoted to the activities of the Children's Museum in presenting to children various subjects in Natural History, Geography, and United States History

BROOKLYN, N.Y.

1922-1923

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CHILDREN'S MUSEUM

OF

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Brooklyn Avenue between Prospect Place and Park Place

FREE

Week days..... **9:00 A. M. to 5:30 P. M.**

Sundays..... **2:00 P. M. to 5:30 P. M.**

The Children's Museum was established in December, 1899. It was the first institution of its kind and is today the largest and best equipped Children's Museum in the world.

It interests and instructs children by means of its exhibits of natural history specimens; geographical and historical models; its library containing 7,500 carefully selected and graded books; its illustrated lectures; and personal attention to visitors.

The Museum Publications comprise the Annual Report, The Children's Museum News, Circulars of Information, Classified lists of Specimens to Lend to Schools, lists of Nature Books, and a Catalogue of the Historical Collection.

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VOLUME X

OCTOBER 1922 TO MAY 1923

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

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IT SEEMS TO SUGGEST AN OCEAN BORDER

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THE SHELL GAME

It is not the fortune of every city child to spend a summer at the seashore. To many little people the charm of sandy beaches and the treasures of the briny deep are unknown. Because of this very fact, the "Shell Game" which is often played at the Children's Museum is of exceptional interest and distinct value.

The main corridor on the second floor of the Museum is lined with beautiful shells. It seems to suggest an ocean border. Here the children may study conchology and imagine themselves shore-dwellers. With but a slight stretch of their imagination, a fresh, salty breeze seems to blow through the corridor, for this is the private beach of the Children's Museum.

It is fascinating to behold shells in glass cases, but it is even more delightful to finger their glossy, curving spires, to actually hold these things of matchless beauty. This is what the children love to do. A cabinet containing duplicates of the Museum's exhibits is an object of great interest to the children. With Winged River Mussels in their hands or Red Abalones they attempt to identify the shells in the exhibits. In this way they experience not only the pleasure of handling the exquisite specimens but they become familiar with the coloring, the shape of the shell, and the locality in which it is found. When the cabinet is unlocked for the "Shell Game," the tiniest tot instinctively clasps the biggest Giant Clam, while the older players in the game marvel at the minute Snowy Rice Shells. This initiating experience encourages added interest in the study of shells, which is a science of peculiar charm and world-wide fame.

The Museum's collection is extensive, for there are over five hundred species of shells on exhibition. These shells come from all parts of the world. There are Rock Shells from Japan, Speckled Cowries from Australia, Horned Murex Shells from the west coast of Africa, and Bleeding Teeth from the Bahama Islands.

How completely furnished is the deep, blue sea! The mermaids may have windows in their homes, for there are Chinese Window Shells to be found in the watery kingdom. In the middle of the nineteenth century the Chinese actually used these shells as a substitute for window glass. There are Razor Shells, so-called because of their blade-like resemblance. In addition to these, the mermaids have Olives, Helmets, Paper Figs, Pheasants, Worm-like Snails, Whipping Tops, Imperial Turbans, Horns, Great Screws, Stone Apples, Jingle Shells, and even Silver and Gold Shells. Of great interest to the children are the Moon Shells and the Angel's Wings. It is probable that the latter are kept busy watching over the treasures of the deep.

What is the benefit derived from playing the "Shell Game?" If the atmosphere of the deep, blue sea ever reaches children in the heart of a great city, it does so during this game. The unique private beach of the Museum teaches the children that one of the delights of a seashore vacation is the joy of playing with shells. C. M. W.

Ask to Play the Shell Game

the next time you visit the Museum. The game can be started at a moment's notice.

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FIELD TRIPS FOR 1922

On May the Thirteenth of this year began the spring and summer field work so generously provided for the children of Brooklyn by the Woman's Auxiliary of the Children's Museum. The first outings were conducted by Miss Inteman, but early in June Miss Hazel Wood of Syracuse University became the out-of-door instructor.

During June, July, August, and the first week in September the girls over nine years of age went out every Wednesday and boys over nine every Friday. Four Mondays during the season were reserved for boys and girls under nine years of age and four Saturdays for High School groups.

Occasionally throughout the season a hike to Prospect Park, a trip to the New York Aquarium or a walk to the Pumping Station was spontaneously undertaken when the demand of an interested group became insistent. In all there were thirty-six field trips enjoyed by 331 children. This is a smaller number than was recorded for 1921, the reason being that the heavy rains throughout the month of June prevented a good many children from taking the trips. It must not be forgotten, however, that even though the out-of-door attendance fell away somewhat, the children who had registered for the trips and could not go improved their time in the Museum preparing more thoroughly for other outings.

They went out with their eyes open and minds alert and these are the places they visited: Prospect Park, Bronx Park, Forest Park, Flatbush Water Works, the New York Aquarium, Van Cortlandt Park, the Palisades, Kissena Park, Rosedale, Hollis Woods, Baisley's Pond, Staten Island, and Bear Mountain.

Visits to the Aquarium and Bronx Park were timed to enable the children to witness the feeding of the animals. Many of the parties were most envious of the sea-lions who could stay in the cool water while they stood outside under the direct and powerful rays of the sun.

The Bear Mountain trip was arranged late in the season after other places had been visited, and was a special treat because it offers so much that was varied and new. The trip through New York Harbor and up the Hudson was a revelation to those who were unfamiliar with the Statue of Liberty, Ellis Island, Governors Island, Grant's Tomb, Brooklyn Bridge from the Harbor, Lower New York, and historic Tarrytown. The battleship Illinois rested at anchor and an ocean liner from France entered the Harbor during one of the trips. Bear Mountain itself has many natural history wonders not to be seen around Brooklyn.

The summer's list of birds observed, many of which were identified also by their songs or calls, includes the following species: flicker, purple grackle, scarlet tanager, wood thrush, Baltimore oriole, young robin,

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catbird, black-billed cuckoo, red-eyed vireo, black and white warbler, red-winged blackbird, starling, goldfinch, chickadee, crow, ruby-throated hummingbird, barn swallow, bobolink, meadow-lark, cliff swallow, yellow warbler, bluebird, field sparrow, herring gull, downy woodpecker, wood pewee, and house wren. The nests of the woodpecker, robin, song sparrow, cliff swallow, Baltimore oriole, chickadee, and house wren were also studied.

COLLECTING WAS ENCOURAGED ONLY WHEN COLLECTIONS WERE USED FOR STUDY

Among the minerals identified by the students during the summer were varieties of quartz, sandstone, slate, mica, and garnet.

Along numerous paths and in open country the berries, seeds, and nuts discovered gave as much of a thrill to the young people perhaps as they ordinarily do to the birds and squirrels. The berries good to eat must have first place in our list as they have in youthful memories. Among these were the wild strawberry, blackberry, huckleberry, red raspberry, and elderberry. The red and the white baneberry, spikenard, maple leaved arrow wood, poke berry, the seeds of Jack in the Pulpit, the mocker-nut hickory, black and white walnuts, and acorns visualized to the children a menu for the birds and squirrels they had never glimpsed before. Close comparison of the peach, pear, plum, quince, cherry, and apple trees revealed relationships among the members of the rose family that made a deep impression.

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Special attention was always given to tree study. Interest extended from the familiar species of oaks and maples easily learned in the local parks to the less common mountain magnolia, hop hornbeam, striped maple, ash, chestnut, oak, white poplar, quaking aspen, and sassafras. The witch-hazel, sumac, and button-bush were not overlooked among the varieties of wild shrubs. The list of wild flowers identified would include from fifty to one hundred different species. Insects; butterflies and moths, beetles, dragonflies, wasps, ants, and spiders, would add a hundred more species to the long list of nature treasures, while streams, lakes, ponds, and seashore yielded frogs, toads, and newts and their tadpoles, snakes, eels, soft-shelled crabs, and a squid.

To this wealth of new impressions of objects identified and learned were added many lessons about beautiful and beneficial insects and plants, plant propagation including seed distribution, and protective coloration of insects. Collecting was encouraged only when the collections were to be used for study. Of these there were thirty-six insect, seventeen wild flower, nine leaf, six mineral, one mushroom, two fern, and one moss collection.

The major task of the field instructor was not to find objects of Nature, nor to awaken interest, but to train the individual in that alertness of attention that would enable him to turn quickly from one thing to another while it was on the stage, so to speak. For instance, the striped maple tree that is at one moment the object of intensive study, may be a near neighbor of another tree where a mother flicker is brooding her young. After watching the flicker family no less important than the striped maple one finds he has just missed stepping on a "caterpillar hunter" which was stalking his prey on the ground. Surely such a beetle cannot go unnoticed, but let the eye follow him and he takes you to a shelf fungus which is slowly destroying a tree. And so the scene shifts so rapidly that only the most observant are able to comprehend the full scope of any one day's outing. But to every one of these children Nature's book has been opened. The joys of the out-of-doors are now a reality which will remain a life-long inspiration.

Miss Wood did not fail to jot in her note book those bits of conversation which revealed the real spirit and aims of the Field Trips as well as of the Museum. One boy said,

"I really believe I had only half of an eye before I came on the Field Trips. I never knew there were so many live things."

A High School girl expresses the magic effect of field work in another way. She said,

"When I started with biology in high school I despised it and received *such* marks, but since I have been coming to the Museum and the Field Trips, biology is my best subject. My last mark was 95 per cent."

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LUNCHEON TO GIRL SCOUT LEADERS

A conference luncheon was tendered a few prominent leaders in the Girl Scout organization by the Americanization Committee of the Woman's Auxiliary and held in the Children's Museum last May.

Among the guests were Mrs. Jane Deeter Rippon, National Director of the Girl Scouts, Mrs. Robert Huse, Commissioner of Girl Scouts in New Jersey, Miss Nellie Truman, Director of Girl Scouts, Brooklyn, Mrs. Maude Canfield, Commissioner Girl Scouts, Brooklyn, Mrs. L. G. Meyers, Commissioner Girl Scouts, Manhattan, and Miss Ruby Joliffe, Camp Director, Interstate Park Commission.

A review of the year's work of the Museum in helping the Girl Scouts of Brooklyn to prepare for and pass their nature tests made a strong appeal to the guests and led to a request from the Brooklyn Council that the Children's Museum establish a branch museum in the Girl Scout Camp at Twin Lakes, New York. Inasmuch as the girls who attended the camp are Brooklyn girls who had nature training in the Children's Museum last winter, a good spirit of cooperation was immediately established. In a large tent set aside for the purpose, the girls placed collections of the minerals, flowers, ferns, and mosses of the Interstate Park region together with an excellent nature library including colored pictures of birds. The trees about camp were labeled. Here all through the summer, the scouts with their nature councillor studied and identified nature objects and materials for their First Class Tests and arranged their collections of minerals and pressed flowers for Rock Tapper, Flower Finder, and other merit badges.

WOODCRAFT

The boys and girls of the Woodcraft League have not been idle during the summer. The girls under the leadership of Mrs. W. H. Busing have met quite regularly and the boys have devoted their attention to out-of-door nature study. Their last experience was a successful over night hike to the woods of New Jersey.

A VISITOR FROM SOUTH AMERICA

We were glad to welcome among the recent visitors from other museums Donna Bertha Lutz, Secretary of the National Museum in Rio de Janeiro, Brazil. Madame Lutz was sent to the United States by her country to attend the Convention of the National League of Women Voters held in Baltimore, Maryland last spring and to study educational methods in this country. She expressed much enthusiasm for Children's Museums and a desire to use her influence to bring about the founding of such a museum in Brazil.

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LIBRARY NOTES

Through the courtesy of the Travel and Tourist Office of the Italian State Railways, there is now on exhibition in the Library and on the bulletin boards in the Hall, a series of beautiful Italian posters. The rich coloring of deep blue seas, the grandeur of high mountains, the quaint little villages, and the brilliant hues of sunset skies are vividly depicted.

Among the scenes represented are the following: Taormina, Sicily, and the Ionian Sea; Trafoi, Stelvio Pass, the loftiest carriage road in Europe; Monte Rosa; Santa Margherita Riviera; the village of Cortina d'Ampezza; the picturesque ruins of Amalfi; and Lake Orta.

The gift of the posters was accompanied by a letter expressing in very gracious phrase this happy sentiment:—"We are very glad of the opportunity to give the children an idea of what Italy is like,—Italy being emphatically the country for children, owing to its gorgeous natural coloring and its greatly diversified beauty, under a sky ever sunny, and a climate ever dry."

The month of July was a busy time in the Library. The boys and girls who made use of our books and magazines were connected not only with the public schools of this neighborhood, but with many schools in remote parts of the city. At least forty public schools in Brooklyn were represented, and seven or more private schools. There were pupils also from seven different high schools in the city.

Groups of children came with their instructors from seven Bible Vacation Schools, the Betsy Head Playground, and the Hebrew Orphan Asylum.

We were favored with visits from members of the Staff of the Natural History Museum, Rio de Janeiro, Brazil; the Curator of the Children's Museum, Newport, Rhode Island; and two instructors at Teachers' College, New York City.

During a portion of the vacation period, the Library was entirely given over to decorators, instead of being filled with children looking at picture-books, reading interesting stories, or getting desired information. As a result of the decorators' work, the walls, ceilings, and woodwork were freshened and beautified. The familiar rooms are again offering a welcome to all boys and girls, their parents, teachers, and friends.

One of the latest accessions to the Library is an attractive book, entitled "Les Mauvaises Herbes du Canada." This volume is written in French, but contains the English name of each plant or weed described, and is beautifully illustrated by colored plates.

A new encyclopedia, which is highly recommended for reference use, is called "The Circle of Knowledge." It contains essential facts of every-day interest on a wide range of subjects.

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LECTURES FOR OCTOBER 1922

Grades 7A or 7B: Tuesdays, 4:00 P. M.
October 3 How to Use the Museum

Industries of the United States

October 10 Cattle Raising
17 Cotton Culture
24 In an Apple Orchard
31 Modern Methods of Lumbering **M. D. Lee**

Grades 5A or 5B: **Trees** Wednesdays, 4:00 P. M.
October 4 What Makes a Plant Woody
11 The Architecture of Trees
18 Trees Every Child Should Know
25 The Fight Against Fire and Axe **M. D. Lee**

Grades 8A or 8B: Thursdays, 4:00 P. M.
October 5 The Bird Room
12 Special Lecture (*see below*)

Magnetism

19 Magnets—Artificial and Natural
26 Properties of Magnets **M. D. Lee**

Grades 6A or 6B: **Our National Parks** Fridays, 4:00 P. M.

Motion Pictures

October 6 The Yellowstone National Park
13 The Grand Canyon
20 A Volcano of Hawaii
27 Special Lecture (*see below*) **M. D. Lee**

For All Grades: **Motion Pictures** Saturdays, 10:30 A. M.
October 7 Wild Fowl Nurseries
14 Birds and Bird Houses
21 The Hummingbird and the Eagle
28 Flowers **M. D. Lee**

Primary Grades: **Nature in Autumn** Saturdays, 2:30 P.M.
October 7 Autumn Leaves
14 Katydids, Grasshoppers and Crickets
21 Birds Going South
28 Cocoons: Where to Find Them **M. D. Lee**

For All Grades: **Special Lectures**
October 12 Columbus: His Life and Voyages, 10:30 A. M. - 2:30 P. M.
27 Colonel Theodore Roosevelt 4:00 P. M.
Motion Picture **M. D. Lee**

Note:—These Motion Pictures are subject to change without notice.

HOW TO REACH THE CHILDREN'S MUSEUM

In Bedford Park, Brooklyn Avenue and Park Place

Via Subway: Brooklyn Rapid Transit to Atlantic Avenue Station, then St. Johns Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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DEC 29 1922

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. X. BROOKLYN, N. Y., NOVEMBER-DECEMBER 1922 Nos. 2 & 3

NEW DISCOVERIES WITH EVERY VISIT—
THE HISTORY ROOM

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CHILDREN'S MUSEUM ATTRACTIONS

So few people know all the attractions of the Museum and so many inquire, that we present a list for their enlightenment. It is well to bear in mind that a rapidly growing museum is always developing new features and that the list cannot long remain complete. The reader will also remember, perhaps, that the many demands upon the Museum give a full program to the staff each day, and for this reason special attention to groups and classes must be arranged for by letter or telephone.

Lectures—regularly every day except Monday, illustrated with experiments, colored lantern slides, or motion pictures; special lectures arranged on request of teachers for any hour during the day.

Library—rich in fascinating books on nature, history, geography, and travel—a gold mine for any boy or girl in quest of knowledge—a good place to name and describe objects observed or collected on hikes, to get help for compositions, or to prepare for active work in clubs.

Docent—one always at hand to escort visitors about and to give help and information.

Games—games for every collection in the Museum, easy games for beginners and harder games for older visitors—played regularly every day or on request of special groups.

Stereopticon views—scenes from all over the world every afternoon at 3:30 in the Busy Bee Room.

Tree Club—for boys and girls to study, protect, and help plant trees; 12,500 members; meetings Saturdays at 11:00 a. m.

Children's Museum League—to interest boys and girls in nature and all the wonderful opportunities of the Museum; meetings Mondays at 4:00 p. m.

Woodcraft League—for any Museum visitor who can qualify. To join apply to Miss Grace Corning Cotton the third or fourth Saturday each month, 2:00 to 5:00 p. m. in the Woodcraft Room. See page 11 for program of activities.

Assistance for Girl Scouts—adequate preparation for passing second class tests. See page 11 for program of activities.

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Assistance for Boy Scouts—Boy Scouts prepared for second class tests and passed on request.

Story Hour—stories about objects in the Museum, trees, and appropriate subjects, as announced from time to time.

Loan Collections—mounted birds, insects, minerals, pressed leaves, woods, shells, and a great many other objects that teachers need to use in the class room loaned to any instructor or parent who will make written application and provide transportation; better yet, come to the Museum and select material.

Children's Parties—parents, teachers, or group leaders may arrange to bring groups of children to the Museum for all day to enjoy its many attractions; box luncheons permitted in the Woodcraft Room; milk, hot cocoa, and service furnished at cost.

Field Trips—groups of boys and groups of girls taken on field trips four days each week in summer; in winter trips to the country on Saturdays and holidays whenever there is sufficient demand and arrangements are made in advance.

WOODCRAFT LEAGUE PROGRAM

Mogewetu Tribe—boys over twelve years of age; council meetings Friday evenings at 8:00 p. m.; hikes the first Saturday in each month.

Brownie Wigwam—boys six to twelve; council meetings Thursdays at 3:45 p. m.; hikes the first Saturday in each month.

Inawendiwin Tribe—girls over twelve; council meetings Saturdays at 10:00 a. m.; hikes by special arrangement.

Woodcraft tests for coups, third and fourth Saturday afternoons.

Aihyde Tribe—composed of adults; meetings the first Tuesday evening of each month.

GIRL SCOUT PROGRAM

Second class tests for Girl Scouts are given at the Museum each month as follows:

Third Friday evening from 7:30—9:30
all second class tests
Third Saturday morning from 10:00—1:00
second class nature tests only
Fourth Saturday morning from 10:00—1:00
all second class test except nature work.

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COUNTING RESULTS TO FIND THE WINNER — AFTER THE ANIMAL GAME

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THE LECTURES

The usual interest and enthusiasm has been exhibited in the lectures this autumn. Soon after school opened, teachers began making plans for regular courses of lectures at the Museum. Some schools appreciate visual instruction to such an extent that they arrange their school schedules to conform to hours the Museum can give them. The school sends a list naming the subjects desired and stating the grades and number of children who wish to attend. The Museum lecturer apportions the hours in the most equable manner possible. A few hours are held in reserve for schools in outlying districts which are unfamiliar with the necessity for early reservations and whose pupils visit the Museum only occasionally.

Motion pictures have added greatly to the popularity of the lectures. A recent addition to the motion picture library is the Beaver film made by Raymond L. Ditmars, Curator of Reptiles at the New York Zoological Park. This film depicts the beaver preparing for winter. He is seen carrying logs which vary in size from a few inches to six feet in length. Once as he approaches his house he dives into the water and secures the log below freezing point thus making it available for mid-winter use.

Holidays are observed by appropriate lectures and pictures. On Election Day two interesting pictures were shown, one, "Our Presidents," portrays the Presidents of the United States and illustrates or recites an important event in the administration of each one, the other picture is "Hats Off: A Story of the Flag." This picture is designed to teach respect for the flag, and to show by a quick review what "Old Glory" stands for in the hearts of every true American.

The Thanksgiving lecture tells the story of the Pilgrims' first years in this country and how the custom of observing Thanksgiving Day originated.

THE MUSEUM AT THE FRIEND'S SCHOOL

At the request of Mrs. Rebecca Hooper Eastman the work of the Children's Museum was presented to a large meeting of the Mother's Club of the Friend's School on November 10.

Mrs. John J. Schoonhoven spoke of the educational value of loan collections and Miss Gallup of the practical methods of preparing the Natural History groups of the Franklin W. Hooper Memorial soon to be put in circulation. Emphasis was laid on points of merit which the new groups are featuring.

After the meeting, Miss Mary R. Hull, one of the teachers in the school who has always used the Museum, invited Miss Gallup to inspect in her class-room evidences of the children's deep interest in minerals.

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Every table in the room was covered with specimens. The Curator was glad to discern the efforts the children were making to effect an orderly arrangement of their treasures. Conspicuously placed in the foreground was a Museum mineral case with specimens properly named and classified. With his mother, John Edson had visited the Museum, studied its collections, and filled with interest and zeal borrowed this case to serve as a model for his class. By its side were no less than a dozen home made trays modelled after the Museum plan and for these little beginners functioning as effectively as the more perfectly formed product of the cabinet maker in the Museum.

On November 8, Miss Gallup gave a talk before the Woman's Alliance of the Fourth Unitarian Church of Brooklyn. Her subject was "How the Children's Museum links the Child with the Out of Doors."

ITEMS IN AN OUT OF DOORS

The following observation of a Northern Shrike in action was brought to us by Fred Puroede, Edward Leibert, and Harold Thorpe, who are members of Scout Troop No. 45.

"While eating lunch Mr. George E. Hix, the Boy Scout Bird Instructor, called our attention to a Northern Shrike perched on a neighboring bush which we think was a bayberry. It seemed to be much absorbed in something at the base of the bush. Suddenly it made a swift dive into the densest part. For a while there was no noise. Suddenly there was a loud flapping of wings and as we neared we heard a few faint squeaks. The bird, rather than be caught, flew away leaving a small field mouse which died in a vain attempt to reach its hole. A few ribs were broken, undoubtedly by the shrike's strong talons."

This incident occurred at the eastern end of the point at Long Beach, one quarter of a mile from Jones' Inlet.

Bertha Yvonne Hupert knows every bird in the Museum. When asked to tell how she became interested she said that her attention was first attracted to Bird Study three years ago when she noticed a whole room full of visitors playing the Bird Game. Bertha was glad to join with the beginners in the game which consisted of finding and describing birds whose names were written on cards. Later Bertha could play the more advanced game which consisted of finding answers to graded questions printed on cards. These days Bertha is generously imparting to other beginners the knowledge the games have taught her. She conducts the games most successfully having introduced new and attractive features, and is finishing the prescribed course in Bird Study.

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From Robert S. Barnes in the Chemistry Department of the Boys High School comes an interesting word regarding a collection of minerals loaned by the Museum. The collection, of one hundred and seven specimens, has been placed in a glass cabinet near the Chemistry Department on the fourth floor. The passing boys show a deep interest in it and have put many questions about minerals to the department. As a result, one shelf has been reserved for the display each week of one mineral. A piece of 12 x 9 cardboard tells briefly but thoroughly the story of that single specimen.

A NEW TREE CLUB

Down at Public School No. 139 flourishes our newest Tree Club. Miss Anna Marie Gissel, the 6B teacher first presented the charms of tree lore to her own class but the interest has spread so that there are already over a hundred proud possessors of the Tree Warden badge and a beautiful certificate. It is hoped that eventually five hundred children from 139 will be enrolled.

Will not other teachers follow Miss Gissel's example? There is a real need for interesting our boys and girls in the care and appreciation of our city trees, which suffer from the carelessness and destructiveness of the children.

Miss Margaret Wilson Carmichael, Director of the Junior League, will be glad to give information as to the forming of Tree Clubs to any one who makes a personal visit to the Museum or calls her on the telephone.

LAMENT OF THE FALLEN TREE

Last night my leafy branches wooed the stars
And saw the pale moon drift across the sky,
Whispered to lilac bush, and tossed aloft
The fragrance of her blossoms, tenderly.

At morn I saw the sun raise up his head
And heard sweet song and fluttering of wing,
And all the myriad sounds that flood the air
When the new day wakes from her slumbering.

And now? Ah now a broken, shattered thing
I lie across the breast that nourished me.
Where will they play, those little laughing winds
That I so loved, who lived so joyously?

Mildred Seitz.

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BOY SCOUT HOBBY CONTEST

It was the privilege of the Museum to open its hospital doors on November 4, 5, and 6 to the Fort Greene Council, Boy Scouts of America, for a Hobby Contest. One half of the Woodcraft Room was placed at the disposal of the Scouts and the resulting array of hobbies numbered about one thousand objects made or collected by the boys during the summer.

Some fifty boys participated, exhibiting with pardonable pride stamp collections; coin collections; radio sets; electric signaling devices; steel work; posters; drawings; bird feathers; Indian relics; minerals; leaves; plaster casts of leaves, moths, and animal tracks; scrap books; photographs; embroidery; a model yacht; models of bridges; towers and leantos; edible nuts and seeds; fossils; bandage roller; and last but not least an apple pie. An interesting individual exhibit was a sheath knife made from an old saw with hand made leather sheath and woven leather belt. Much of the material was later exhibited at the Marine Show at the Grand Central Palace, New York.

The prize for the best troop exhibit was won by Troop 77, which meets in the Church of Our Father, Grand Avenue and Lefferts Place, and the prize for the best individual exhibit was won by John Hellawell of the same troop. His collection consisted of twenty-five unique and beautifully made paper knives and "fire by friction" sets made from as many kinds of wood gathered during the summer. In addition Scout Hellawell exhibited fifteen drawings and water colors; a collection of fungi; and one of butterflies.

Other prizes were won by the scouts from Troop 81.

The idea originated with Mr. Howard Jefferson, President of the Fort Greene Council, and Scout Commissioner A. T. Shorey was Chairman of the Committee in Charge. Scouts from troops Nos. 2, 4, 77, 69, 81, 155, and 211, representing about three hundred scouts, prepared the exhibits. Some two hundred proud parents came to see and admire.

REQUESTS FOR INFORMATION

Inquiries for information about our Museum and for our pamphlets continue to arrive from many parts of the world. We have been glad to give the story of the work to several magazines and to the Norwegian School Museum, Christiana, Norway, The Lucban Institute, Philippine Islands, and the First Experimental Station of Public Education, Moscow, Russia.

Lantern slide pictures of various phases of our work have been sent to the Cleveland Museum of Natural History, the Kent Scientific Museum at Grand Rapids, Michigan, the Public Museum at Milwaukee, and the Art Museum, Syracuse, New York.

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A costume designer found in our bird collection motives for a complete series of costumes to be used in a spectacular musical comedy.

AUXILIARY NOTES

On October 11, the Woman's Auxiliary entertained the officers and delegates of the State Federation of Women's Clubs, in all about fifty guests, at a special tea at the Museum. Mrs. I. Sherwood Coffin, President of the Auxiliary, presided as hostess. One of the guests said that the privilege of visiting the Museum under such delightful auspices was her pleasantest experience of the whole Federation week. Everyone was enthusiastic over the exhibits and the work of the Museum.

The Membership Committee has held two regular meetings this fall, one on October 18, at the home of Mrs. William Whittaker, the Chairman, the other on November 1, at the home of Mrs. William W. Fisher. At the first meeting Miss Gallup gave a talk on the new loan cases of the Franklin W. Hooper Memorial that are fast coming into being under Mrs. Clara L. Parson's skillful hands. Some of the groups were on display.

Mrs. Floyd S. Neely, Chairman of the Bridge to be given for the benefit of the Museum, appointed her Sub-chairman.

The meeting at the home of Mrs. Fisher was given over to the discussion of plans for the Bridge and reports of the sale of the tickets. Plans for membership work were then discussed and various methods proposed. The report of the Membership Secretary, Mrs. Frederick B. Slocum, showed a total of one thousand and eighty nine members in our Auxiliary on November 1, 1922.

At both meetings luncheon was served to twelve members.

The Annual Bridge, given on November 9, filled to capacity the Brooklyn Woman's Club House and yielded substantial returns.

The Executive Board of the Auxiliary has held two regular monthly meetings, one on October 20 and one on November 10. At the October meeting, in Mrs. Coffin's absence, Mrs. John Hills, the First Vice-President, took her place as executive head of the affairs of the Auxiliary. On November 10, Mrs. Coffin returned after an absence of many

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months. The Board was delighted with the progress made on the Hooper Memorial groups during the summer and listened with much interest to Miss Gallup's detailed report. Miss Cotton, the Field Secretary, graphically reviewed the establishment and operation of the Girl Scout Museum at Twin Lakes, New York, under her direct supervision. She also reported that the Ford Sedan given by the Brooklyn Woman's Club is enabling her to do more work in shorter time than would be possible without it. On November 10, Mrs. Schoonhoven, the Educational Secretary, reported two generous gifts for the benefit of the Museum received too recently to be included in the Treasurer's report; one from Mrs. John B. Moody, inspired by her interest in the Americanization work, and one from Miss Mary Brackett in memory of her brother, Mr. George C. Brackett. One other gift here gratefully acknowledged has since come through the Americanization Committee from Miss Sarah K. Fellows.

The Americanization Committee, Mrs. William W. Fisher, Chairman, held its first meeting in the Museum on November 15. For this occasion special exhibits of summer nature work of Museum children working directly under our docent and field instructor and also through the Woodcraft and Scout instructors were exhibited in the rooms of the Museum.

Plans for the winter's work were discussed and a tentative program of activities to help the Museum meet the rapidly increasing demands of the general public, the Boy Scouts and Girl Scouts, and the Woodcraft League was presented by Miss Cotton, Field Secretary of the Auxiliary.

The Committee voted to have a Christmas party at the Museum during the week of December 18, Mrs. Susie Cruickshank Snyder having generously offered to furnish a Christmas tree to be placed in Bedford Park for the delight of the children. Mrs. David Ressigue also made a gift to the work which is gratefully acknowledged.

Luncheon was served to twenty-seven people in the Woodcraft Room which was gaily decorated with chrysanthemums, holly, and the trophies of Woodcrafters. Mrs. Frederick Edey of Manhattan, Regional Director of New York and New Jersey Girl Scouts, was the guest of the Committee at luncheon. Later she inspected every department of the Museum and expressed keenest delight in the Museum exhibits and activities. Her special interest seemed to be in arranging for more Girl Scouts to enjoy the advantages she so thoroughly appreciated.

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LIBRARY NOTES

Each year since its founding in 1912, the Library School of the New York Public Library has honored us with a visit. Accordingly on the afternoon of September 22, we had the pleasure of welcoming thirty-five members of the entering class under the guidance of Miss Edith Tieman, Registrar of the school. It was an appreciative group of young people coming from France and Norway as well as from various parts of the United States.

The students listened to an informal talk about the work of the Children's Museum and lingered in the Library to inspect the books and inquire about their use. After examining the various exhibits they enjoyed a cup of tea served in the Woodcraft Room.

In honor of the visitors the Library and Woodcraft Room were decorated with beautiful flowers brought by Miss Lee from her garden in White Plains.

It also happened that the Department of Staff Instruction of the Brooklyn Public Library arranged for the students in the Training Course for Children and the Advanced Course in Library Training to come to the Children's Museum to commence their visits to neighboring libraries.

On the afternoon of October 13, Miss Marion F. Schwab escorted fourteen students from the two classes to the Museum. A brief account of the activities of the Children's Museum was given in the Library and after a visit to the exhibition rooms tea was served by Miss Cotton in the Woodcraft Room.

For a long time the Library has realized the need of new text books on geography which contain maps embodying the territorial changes which have taken place in the past few years, together with up to date information.

In answer to our inquiries several publishers have made very generous response.

Rand, McNally & Company sent us a complimentary copy of the Dodge, Grady Geography saying, "This text will, we believe, answer your purpose. Enclosed in the Geography you will find our latest revised map of Europe."

From the American Book Company, came two revised editions of their geographies and also two geographical readers, Carpenter's "New Europe" and "New South America," both revised since the World War.

The Macmillan Company has furnished us with new editions of the Tarr and McMurry Geography and also the McMurry and Parkin's "Elementary Geography."

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LECTURES

Grades 7A or 7B: **Wonders of Nature** — Tuesdays, 4:00 P.M.
December 5 Fountains of Hot Water
12 Creeping Ice Fields — **M. D. Lee**

Grades 5A or 5B: **Polar Discoveries** — Wednesdays, 4:00 P.M.
December 6 The Arctic Regions
13 The Antarctic Regions — **M D. Lee**

Grades 8A or 8B: **Electricity** — Thursdays, 4:00 P.M.
December 7 Atmospheric Electricity
14 How Cells are Made and Used — **M. D. Lee**

Grades 6A or 6B: **Motion Pictures** — Fridays, 4:00 P.M.
December 1 Special Lecture (See below)
8 Winter Days in Stockholm
15 Swedish Folk Dances — **M. D. Lee**

For All Grades: **Motion Pictures** — Saturdays, 10:30 A.M.
December 2 Making Shoes
9 Salmon Fishing
16 Farmers Making Bread — **M. D. Lee**

Primary Grades: **Nature in Winter** — Saturdays, 2:30 P.M.
December 2 Animals in Winter Dress
9 Winter Hiding Places
16 Trees in Winter — **A. B. Gallup**

For All Grades: **Special Lecture** — 10:30 A.M. and 2.30 P.M.
December 1 The Pilgrims First Thanksgiving — **M. D. Lee**

Motion Pictures are subject to change without notice.

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. X. BROOKLYN, N. Y., JANUARY 1923 No. 4

"OUR" CHRISTMAS TREE

A Koster Blue Spruce Twelve Feet High and about Eighteen Years Old Planted on December 6, 1922, in Bedford Park under the Supervision of the Park Department

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THE CHRISTMAS PARTY

On Thursday evening, December 21, the Americanization Committee of the Woman's Auxiliary, Mrs. William W. Fisher, Chairman, gave a Christmas Party at the Children's Museum. Where could be a better place for a Christmas celebration than in a building entirely devoted to bringing good cheer and happiness to children and what better excuse could there be for giving a party than to introduce to all friends of the Museum "Our" beautiful Christmas tree?

A Christmas tree, so placed and decorated that all may enjoy it, is no longer a novelty, but a living, growing tree, one that will increase in beauty and usefulness with the years is the pride of every citizen. "Our" tree is the gift of Mrs. Susie Cruikshank Snyder in memory of her father Edwin Allen Cruikshank and for the delight and instruction of all children who may see it. Her mother, Mrs. Edwin Allen Cruikshank gave also a complete equipment of electric lights with which to make it a blaze of glory for this and future Christmas seasons.

The Museum was in festive dress for the occasion. As the guests arrived, Boy Scouts, gathered about the tree, furnished Christmas Music.

The formal presentation of the tree was made by Mrs. Fisher, Mr. John N. Harman, Park Commissioner accepting the tree in behalf of the Park Department.

The guests of honor and speakers for the evening were Mr. Ernest Harold Baynes and Mr. Nelson Harding. Mr. Harding gave one of his typical humorous talks while Mr. Baynes read a portion of his newest book, "Polaris." The hero of "Polaris" is Mr. Baynes' own Eskimo dog which was given to him by the late Robert E. Peary. It was a thoroughly delightful "coming out" and one which promises many years of Christmas cheer to our Museum children.

THE JAPANESE DRAGON

In the Special Exhibit Room on the second floor of the Children's Museum may be found a Japanese dragon with movable joints from head to tail. Even the toe-nails and tongue are invisibly secured by flexible joints. Fortunately this creature is lodged safely in an exhibition case. Its creepy-crawly atmosphere does not penetrate beyond the plate glass.

While the model is called a Japanese dragon, its symbol is actually Chinese in origin. However, it has become naturalized in Japan. According to legend, the dragon is associated in the Japanese mind with

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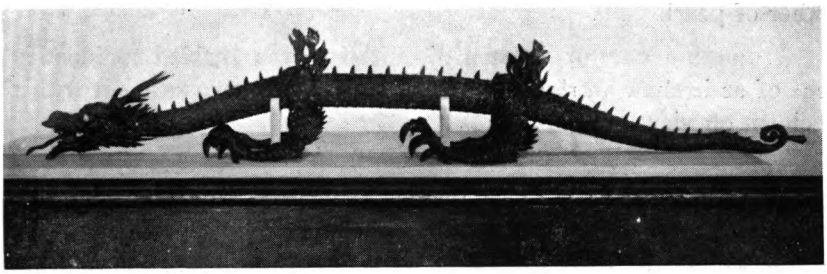
clouds and tempests. It is thought to be able to ascend Fuji or to dive deep in the waters of some secluded lake. The dragon must not be annoyed, for it possesses the power of causing deadly commotion in the watery element.

Curious as the legends go in connection with the dragon, the paramount interest in the gift of Mr. Andrew J. Valentine to the Children's Museum lies in the fact that it is a splendid example of Japanese wood-carving. The workmanship is superb. It is a marvel of minute detail and although the dragon is grotesque in appearance the perfection of its carving entitles it to rank as a beautiful work of art.



It is certain that if you were to visit the palace of the king of dragons, which the Japanese believe is to be found many leagues under the sea, you would behold no more perfect specimen of a dragon than that found in the Special Exhibit Room of the Children's Museum.

SPECIAL EXHIBIT
PALESTINE, SYRIA AND ADJACENT COUNTRY

Because of the very great interest with which the world is now regarding the above mentioned section, the Museum has placed on view a few objects which came from it or illustrate its life. That is, they bear upon the life as it existed before the war. The collection is composed of gifts presented by Mrs. Henry D. Annable, supplemented by objects contributed by Mrs. Seth Thayer Stewart, Mrs. Jennie W. Hughes, Mrs. William A. Putnam, and Mr. Andrew J. Valentine; also the model, "Russian Peasant, Pilgrim to Jerusalem," from the George Frederick

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Elliott Collection of Dolls, and photographs from the Museum's Gift Collection. This special exhibit is placed in two small wall cases in the Busy Bee Room.

It includes phylacteries and a small scroll of the law from Jerusalem and Bethlehem, an unusually beautiful mother-of-pearl shell carving of "The Babe in the Manger," a quaint Shepherd's Pipe or reed-flute, from Bethlehem, a glass vase and a wooden spoon from Hebron, a cedar wood spoon from Iconium (ancient Galatia), carob and cassia pods from Palestine, a taper used by tourists and pilgrims when visiting shrines and other sacred places, Turkish coins, a paper cutter made of wood from the shore of the river Jordan, and a gourd from the site of ancient Jericho. From Damascus is a box, a specimen of chip-cork carving, and from the Isle of Rhodes some scrimshaw work carried out in bits of mother-of-pearl.

A museum curator from a distant city was enabled to identify a piece of scrimshaw work in her home museum by comparing it with the specimen on view.

FROM THE BUSY BEE ROOM

Objects which were collected by the boys and girls during the summer on their field trips were exhibited in the Busy Bee Room from November 15 to 25. The objects displayed included butterflies, moths, beetles, spiders, cocoons, stones, pressed leaves, and wild flowers. The prize for the best collection—six South American butterflies and three insect boxes—was awarded to Seymour Zolotoroff. Jeanette Cohen's collection was worthy of mention.

Several of the children have brought us gifts—a wasp's nest, stones, leaves, colored pictures, and monthly copies of "Forest and Stream."

Fifteen members of the Children's Museum League who had learned twenty-five birds which are listed in the Busy Bee Room enjoyed a trip to the New York Zoological Park on December 9. Employees of the Park extended every courtesy to the children helping them to observe in the cages of living birds the identical species they had studied in the Museum. Among these were blue birds, thrushes, orioles, and a large pelican.

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The newly elected officers of the Children's Museum League were introduced to the members on November 20, and now conduct the meetings. At a recent League meeting it was voted to form a "Cabinet" to act as an executive board and manage League affairs. The members of the cabinet are to be the officers, those who bring ten new members, those who come to ten consecutive meetings, and those who come to five consecutive meetings and secure five new members.

At the meeting on November 20, a Brownie No. 2 camera, a gift from Miss Vera Rosenberg, was offered to the League member who first completes satisfactorily one of the printed courses of study.

Two of the boys are giving serial lantern slide talks at the League meetings, one on "Old New York" and the other on "Evangeline."

MUSEUM ECHOES

"A bird I borrowed from the Museum did me a good turn the other day," observed a high School lad in his greeting to the docent.

"What happened?" she asked.

"I took the blue jay from here to my teacher," continued the visitor, "and she gave me credit for bringing it in and then gave it to the art teacher for a drawing lesson. My drawing was selected and entered in a competition for a prize at Wanamaker's."

In order to encourage their pupils to attend the lectures at the Museum some of the school teachers have devised a system of credits to be given the children who attend and report on lectures which have a bearing on certain subjects they are studying. The idea is an excellent one and is proving most successful. After the lecture the boy or girl presents a slip of paper on which is written his or her name. This is stamped with a rubber stamp containing the name of the Children's Museum and the date. Recently pupils from Public Schools Nos. 25, 35, 93, 94, 113, 114, 129, 154, and 178 have asked for these records of their visits. Many other schools whose pupils have not asked for credits have been represented at these lectures.

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The establishment of a new Children's Museum is announced by the Newport Community Centre Association, Incorporated, at Newport, Rhode Island. The upper rooms of the Community building have been improved and fitted up for use as a Museum. Hugh L. Taylor is Curator.

On Sunday, December 3, Mr. N. Yamamasu, Appointee of the Department of Education of Japan and School Inspector of the city of Osaka, visited the Museum. Mr. Yamamasu is spending a few months in America studying our Educational Institutions and expressed great interest in the Museum. He said that he would like to form a league similar to the Children's Museum League in the museum at Osaka.

Another distinguished visitor at the Museum was Dr. Eliza Mosher of 184 Joralemon Street, Brooklyn. Dr. Mosher came particularly to get suggestions for starting a Children's Museum in one of the industrial suburbs of Paris. The idea of her committee is to use for this good purpose—together with a clinic—money left over from a sum collected during the war for hospital use.

MUSEUM STUDENT HONORED AT THE SECOND ANNUAL POTLASH OF THE WOODCRAFTERS

Early in December the call of the Black Wolf was sent through the country of the Woodcrafters bidding them to feast and council on "The 15th sun of the long night moon." Accordingly, on the evening of Friday the 15, about a thousand would be denizens of the forest gathered in the banqueting hall of the Hotel Pennsylvania. Of this goodly number some seventy braved the passage from Brooklyn to Manhattan and of these about thirty feasted in the interests of the Children's Museum. To Miss Cotton and Miss Keir belong credit for most attractive table decorations: one a hornet's nest clung to a pine branch with almost too realistic hornets crawling over it, the other a group of Indian tepees, the totem of the Mogewetu Tribe. Each place card had in one corner half of a real acorn.

After the feasting was over and the tables had been removed, old and young gathered around the Council Fire. The Council was called to order by Black Wolf—Ernest Thompson Seton—and the ceremony of lighting the fire by rubbing sticks was performed by Sagamore Harvey C. Went of the Black Snake Tribe of Bridgeport, Connecticut. Then

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followed the Ceremony of the Laws by four girls from the Wakuwan Tribe of Jersey City, New Jersey, and the appointing of the Keepers of the Tally and the Fire. The Roll Call was by tribes, a scout from each answering with the number of members of his or her tribe. An interesting scout report was that of a fine cedar of Lebanon growing in the vicinity of Flushing, Long Island. Miss Florence Williams responded for the Aihyde Tribe at the call for suggestions for the good of the tribe, saying,

"Every day, in every way, we are getting coup-ier and coup-ier!"

The interest of the Museum folk centered in the ceremony of bestowing honors, for a Museum youth, Morton Wadsworth, Chief of the Mogewetu Tribe, was one of nine to be made a Sagamore and thus entitled to wear the blanket of a chief. Twenty-four coups qualify one for this honor but the unfolding of Wadsworth's blanket revealed a record of twenty-eight of these hard earned prizes. The blanket was most artistic being decorated not only with coups but with the totem of Wadsworth's tribe, the wigwam. Following this came Iroquois tribal songs by Oskenonton: speeches by the white man pleading for wampum; games and contests, and the Omaha Tribal Prayer, in closing.

WOODCRAFT NOTES

On Friday, December 1, the Inawendiwin Tribe of the Woodcraft League went on a hike to Silver Lake, Staten Island. Under the leadership of Mrs. Alice Thompson Busing fourteen girls made the trip, visiting the Aquarium on the way and hiking the two miles from St. George to the lake. The feature of the trip was a water boiling contest. The girls were divided into three groups and each girl provided with one match and a kettle containing a pint of water. At a given signal the race was on, the object being to see which group could first gather the necessary wood, light the fire, and get the water to boiling.

On November 4, the Brownies of the Little Wigwam went by way of the Jerome Avenue Subway to the southern end of Van Cortlandt Park and spent the day hunting for things to be used in the Natural History Exhibit the following week. Cat-tails, with their long blade leaves, sumac leaves and seeds, oak leaves and acorns, and many other trophies of the fall woods were brought home in triumph to be carefully pressed and mounted.

Many interesting things were observed which were related at the Council Meeting the following Thursday. There were in particular a beautiful peeper whose skin shone in metallic lustres of yellow, pink,

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blue, and green, and two huge frogs with emerald coats and golden eyes who refused to be enticed from their home in a deep, dark spring.

On December 2, the Brownies hiked, by way of Van Cortlandt Park and the Aqueduct, from the end of the Jerome Avenue Subway to Dunwoodie. Every one on the trip brought back two Scout Reports for the next Council Meeting. Two of the boys collected quantities of large burr acorns to be used in the construction of a unique Indian Village. The cups of the acorns will be the wigwams. With fine twigs, also gathered on this hike, the boys will make pot hangers for the fire and they will scoop out the acorns and put handles on them for pots. When completed the model will be used as a claim for a coup.

On November 4, the boys of the Mogewetu Tribe went on a hike to Staten Island under the leadership of Assistant Guide Carol Stryker. Many trees and birds were observed and studied and black walnuts, hickory nuts, and acorns collected. The most interesting event of the hike was the discovery of a wood mouse's nest containing four young mice. Such a find is always appreciated by Woodcrafters not only because of the small animals but because of the value of the nest itself in a rubbing stick fire.

THE MUSEUM HONORS A GIRL SCOUT

During the week beginning November 15, there was held at the Children's Museum an exhibit of the nature collections made last summer in the Brooklyn Girl Scout Camp at Twin Lakes, New York. Twenty-four Scouts exhibited their collections of pressed and mounted ferns and flowers. In connection with the work done at the Camp Museum, the Children's Museum offered a felt emblem for the best nature collection. It consists of a brown C. M. mounted on a green fir tree and is to be worn on the Scout's sweater. The first one was awarded to Scout Florence Hachman, Troop 101, by Miss Anna B. Gallup at the Girl Scout Pageant held on the evening of December 1, at the Commercial High School. The winning collection was one of pressed and mounted flowers and ferns and was entered in a competition for the Flower Finder Merit Badge. Honorable Mention was given to Harriet Lange, Troop 150, and Katherine Jersey, Troop 94 for their excellent work with flowers and minerals.

In October and November one hundred thirty-four nature tests were given to Girl Scouts at the Children's Museum.

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NEW METHOD USED FOR NATURE TESTS

To pass a nature test a scout must be able positively to identify six birds, six flowers, six trees, and six animals. For use in giving scout tests the Museum has about five hundred pictures, all in the natural colors covering the subjects of flowers, trees, birds, and animals in this vicinity and that in which most Brooklyn scouts take their hikes. These pictures, from which all titles and descriptions have been removed, are numbered and placed around the room on every available bit of wall space and piece of furniture. Each scout then writes on her paper her name, address, and scout number, and the names of six of each of the above subjects which she is to identify. After a careful scrutiny of the pictures, she places opposite each name she has written the number which corresponds to it. That sounds like a very simple test but how many grown-ups could pass it successfully?

AUXILARY NOTES

On Friday, November 7, the Speakers' Bureau held a business meeting and luncheon at the Brooklyn Woman's Club House. Interesting reports were given of the speeches made by various members of the Bureau at School Assemblies and Settlements. A letter of appreciation was read from the head worker at the Mott Street Settlement where Mrs. Don C. Seitz spoke on May 3.

Mrs. John M. Hallock told of her story telling experiences and said that her stories of trees had met with enthusiastic response from children and adults alike.

Requests for speakers from Woman's Clubs and Mother's Clubs were presented and dates and speakers arranged for the coming month.

Plans for increasing public interest were discussed at length at the luncheon.

The Executive Board held a special meeting on November 22, at the Museum to consider the suggestion of the Speakers' Bureau that all the committees combine with the Officers and Executive Board of the Woman's Auxiliary in giving a dinner in the interest of the Museum some time in January. It was unanimously voted by the Board that the Auxiliary give such a dinner.

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A meeting calling together all the members of the Membership Committee, the Speakers' Bureau, and the Americanization Committee, together with the Officers and Board of the Auxiliary, was held at the home of Mrs. T. Mortimer Lloyd on Tuesday afternoon, November 28. There were about thirty women present at the council, the purpose of which was to discuss plans for the forthcoming dinner. Mrs. I. Sherwood Coffin, President of the Auxiliary, presided. Much enthusiasm over the project was expressed and a committee was elected to arrange the details of time, place, and speakers. Mrs. Havens Brewster Bayles was elected chairman, to be assisted by Mrs. T. Mortimer Lloyd, Mrs. Susie Cruikshank Snyder, Mrs. John R. Farrer, Mrs. Frederick J. Austin, Mrs. I. Sherwood Coffin, Mrs. John J. Schoonhoven, and Mrs. Thomas Leeming.

At the close of the formal meeting tea was served.

On Wednesday, December 6, the Membership Committee held its regular monthly meeting at the home of Mrs. William Whittaker, Chairman of the committee. There were nine members present and a luncheon preceded the business meeting. The Membership Secretary announced twenty-two new members for the month ending November 30, making the total membership of the Auxiliary on December 1, one thousand and thirty-seven. The report of the annual Bridge was given by Mrs. Floyd S. Neely, Chairman of the Bridge Committee, who expressed her gratitude for the loyal support of all the members who had worked for the success of the Bridge. The Treasurer, Mrs. Austin, gave a detailed report of expenses and income and announced a net profit of two hundred dollars. The Committee voted to make this sum, together with one hundred dollars of their balance of one hundred and forty dollars left from the Pirate Party of last spring, a gift to meet the obligations of the increasing educational work done in the Museum for members of outside organizations such as Scouts and Woodcrafters.

Gifts to aid the work of the Auxiliary for the Museum have been received from the following: Mrs. William Robert Quinn, Mrs. Robert Quinn, Mrs. David Ressigue, Mrs. Susie Cruikshank Snyder, Mrs. Edwin Allen Cruikshank, Mrs. Charles W. Elmer, The Membership Committee, and the Fortnightly Library Club, Mrs. Fred Joel Swift, President.

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LIBRARY NOTES

The Library announced the Fourth Annual Children's Book Week, from November 12 to 18, 1922, by means of Jessie Willcox Smith's beautiful posters and the suggestive motto, "Happy is the Child with Books." The distinctive feature of Book Week was the Story Hour on the afternoon of November 16, when Mrs. Frances Valentine Hallock told some charming nature stories. In order to adapt her stories to this especial library, Mrs. Hallock spent an afternoon looking over our books and selecting material for her stories. The subjects chosen by Mrs. Hallock were "Paper," adapted from Fabre's "Story Book of Science," "The First Paper Makers," graphically reproduced from "Flashlights on Nature," and "The Story of the Plane Tree."

An audience of about one hundred fifty listened to the stories and included members of the Children's Museum League, of the Tree Club, several mothers, Training School students, boys and girls from the public schools, and the entire Beaver Band of the Woodcraft Brownies under the direction of Miss Keir. The Beaver Band carried their totem and in addition to being interested listeners were able to answer many of Mrs. Hallock's questions.

An unusually symmetrical wasp's nest is now hanging in the East window of the library. It was discovered by Miss Keir attached to the branch of a black birch tree in Tappan, New York, and had been constructed around a delicate twig. In removing the nest from the tree Miss Keir left one end of the twig long and dexterously bent it down so as to form a handle.

Through the kindness of Miss Agnes E. Bowen the library has received illustrated articles about the celebration on Armistice Day at the "John Brown Tree" in Barkhamsted, Connecticut. The Chamber of Commerce placed a bronze marker on a beautiful white oak tree about three hundred years old, from sixty to seventy feet high and with branches spreading about sixty-five feet. The marker contains the following statements: "John Brown's Tree. This ancient tree was so named when John Brown, whose 'soul is marching on,' played under it as a tiny child and called it 'my tree'." The tree was previously a Council Tree for local Indians and has been registered by the American Forestry Association in the Hall of Fame for Trees.

In connection with the account of the Tree, a history of John Brown's career is given. Mention is made of the fact that a pike which is labelled, "John Brown's Pike" and said to be the very one which he used, is in the history collection of the Children's Museum, Brooklyn, New York.

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LECTURES

Grades 7A or 7B: **Geography British Isles** Tuesdays, 4:00 P.M.

January 2 Through England—Motion Pictures
9 London, the Big City
16 The English Lakes
23 The Highlands of Scotland
30 Ireland **M. D. Lee**

Grades 5A or 5B: **American History** Wednesdays, 4:00 P.M.

January 3 Indians of North America
10 The First Explorers
17 Early Days in Massachusetts
24 When Old New York was Young
31 The French and Indian Wars **M. D. Lee**

Grades 8A or 8B: **Electricity** Thursdays, 4:00 P.M.

January 4 The Effects of an Electric Current
11 Electromagnetism
18 The Telegraph
25 Electric Bells **M. D. Lee**

Grades 6A or 6B: **Mo[illegible]ures** Fridays, 4:00 P.M.

January 5 Among the Cyp[illegible]ees of Florida
12 In Arizona
19 Cherry Blossom [illegible]ne in Japan
26 The Honey Bee **M. D. Lee**

For All Grades: **Motion Pictures** Saturdays, 10:30 A.M.

January 6 The Pond Snail
13 The Jelly Fish
20 Sea Anemones
27 The Beaver **M. D. Lee**

Primary Grades: **Bird Life** Saturdays, 2:30 P.M.

January 6 How and Where Birds Travel
13 Birds that Stay with Us in Winter
20 Nesting Habits of Birds
27 What Birds do for Us **A. B. Gallup**

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Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

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VOL. X. BROOKLYN, N. Y., FEBRUARY 1923 No. 5

BEDFORD PARK

**FROM A COZY WINDOW SEAT IN THE LIBRARY—
CAN YOU RECOGNIZE THE TREES
BY THEIR OUTLINES AGAINST THE SKY?**

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BRILLIANT COLORS IN NATURE

In the poem "Endymion" John Keats says:

"A thing of beauty is a joy forever;
Its lovliness increases; it will never
Pass into nothingness; but still will keep
Full of sweet dreams, and health, and quiet breathing."

It is apropos that these few lines should be placed in the extremely beautiful "Brilliant Color Case" on the second floor of the Children's Museum. To gaze at the exhibit is indeed to feast with delight on things of beauty that seem continually to increase in loveliness. The exhibit brings together a few natural objects noticeable and pleasing on account of their brilliant colors. There are the gorgeous tail feathers of the Indian peacock, the Red Parrot from New South Wales, the Grass-Parrakeet; The Blue Honey-Creeper and the Violet Euphonia from Northern South America, the Inca Humming Bird from Peru, the Bolivian Violet-Ear, the Gorgeted Sun-Angel from Columbia, the Abyssinian Roller, and the Green Honey-Creeper. The greens and reds mingle with the blues and violets and are touched here and there with gold. Truly the birds of the air must reflect the gorgeous colors of the evening sunsets.

Again fluttering through the air are beautiful butterflies, radiating a burst of fiery colors. The visitor learns that the splendid changeable hues of the Resplendent Morpho depend upon the fact that the scales upon the wings are both pigmented and striated. Thus the color of the wings is either brown or iridescent blue according as the light is received from the pigment or from the striated surfaces of the scales.

Likewise in the sea swim fishes that vie in beauty with the flying things of the air. From the Bahama Islands comes the Spanish Hog Fish harmonizing its purple, red, and yellow scales into a work of art. Then there is the Parrot Fish that seems to duplicate, down in the sea, the lovely coloring of the parrot. So these gorgeous fish swim among yellow and purple Sea-Fans and lacy Stag Horn Coral.

No less beautiful are the shells, such as the Black Banded Livonas and the Abalones. The latter group of shells show holes along the left side. These are made by the animal as it grows, for conveying water to the breathing organs. As a new perforation is made an old one is closed, thus keeping the relative number the same.

Down in the earth where it might be dull and uninteresting are treasures of bright colors. The exhibit shows specimens of Azurite from the Copper Queen Mine in Arizona and Iron and Carbonate of Copper in Quartz.

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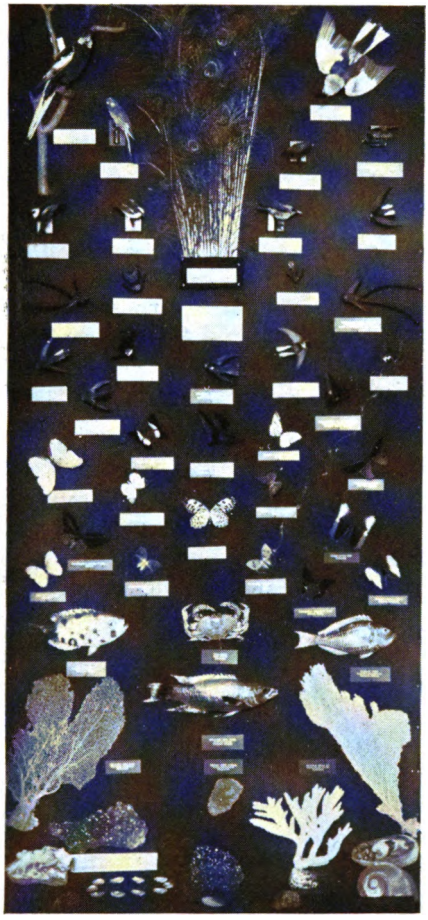
The visitors who gaze upon the exhibit will notice that many of the brilliantly colored birds, insects, and fishes come from tropical countries. The lovely polished shell of the Edible Mussel, however, reminds them that even on Long Island are things of beauty that should be a joy forever.

Color is a protection to some animals and very frequently it is the means of attracting animals to one another. Color bands also point to



BEAUTIFUL OBJECTS — FROM THE EARTH, FROM THE SEA, FROM THE SKY

the nectar sacs of flowers. In every case color is a source of delight and joy to eyes trained to find it in the world of nature about them. Perhaps one of the best ways of training eyes is to place before them an exhibit such as that in the Children's Museum. It illustrates the wide sweep of colors from all over the world. It is indeed a case "full of sweet dreams, and health, and quiet breathing." C. M. W.

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THE FEBRUARY BIRTH STONE IN THE MINERAL ROOM

AMETHYST

"The February born shall find
Sincerity and peace of mind.
Freedom from passion and from care,
If they the *amethyst* will wear."

Abraham Lincoln and George Washington, who were born respectively on the 12 and 22 of this month, had, with but one exception, all that this birth stone rhyme promises. That exception was freedom from care. Surely both men had more than their share of that. And there were never two human beings who accepted care and trouble more nobly than did these two Presidents of ours who led the United States through periods of tremendous anxiety.

According to Dr. George F. Kunz the Amethyst signifies *deep love.* Not only does each month have a birth stone but there is also a talismanic gem which in the case of February is the Jasper. This gem promises to the wearer *courage* and *wisdom* so that he or she fortunate enough to be born in February surely has a goodly heritage. If one prefers a flower as a birth token, the proper one for this month is the lovely primrose.

THE MUSEUM AFTER THE SNOWSTORM
JANUARY 4, 1923

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MUSEUM VISITORS

On January 12, a group of alumnae of Packer Institute were the guests at a tea give at the Museum. The hostesses were Mrs. Alice Busing, Miss Gertrude Espenscheid, and Miss Jessie Menzies. During the afternoon Mrs. Frances Valentine Hallock told an interesting tree story.

A visitor whom we are always glad to welcome, was Lloyd Espenschied Junior. His father was once a wireless student at the Museum. With Austen Curtiss he shared the honor of establishing wireless connection simultaneously with Paris, Arlington Virginia, and Honolulu. In recent years Mr. Espenschied has had charge of much of the research work carried on by our Government in perfecting radio service.

Dr. Aniela Kozwovska, Assistant Professor of Botany in the University of Cracow, Poland, came to inspect our work in Woodcraft. Her reaction to the whole Children's Museum idea was most inspiring and helpful to us. Her plan is to write an article about our work for a Polish magazine and to apply our nature study methods to her own teaching on her return to Poland.

Miss Anna Marie Gessel of Public School No. 139 came with the John Burroughs Class to spend the day during December. The forty-nine children inspected the collections for about an hour and then played Museum games till lunch time. Luncheon was eaten in the Woodcraft Room and was supplemented with hot cocoa made especially for them. In the afternoon the children visited the Library, heard a lecture on Trees, and were shown motion pictures on Forest Conservation. The Museum is glad to thank this enthusiastic class for a beautiful plant which arrived on Christmas Eve.

Mrs. A. L. Eaton of Public School No. 99, with twenty-five members of the Mother's Club and nearly as many children, paid a visit to the Museum late in 1922. This Mother's Club makes a visit to the Museum an annual event. Practically all the accompanying children joined the Children's Museum League.

Miss Inez Scott, Curator of the Children's Museum of Boston, recently made a thorough inspection and study of our work.

JANUARY ATTENDANCE OF VISITORS

General attendance 13270
Attendance in Library 5029
Attendance at Lectures.....2290

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MUSEUM ECHOES

From Mr. H. L. Madison, Curator of Education in the Cleveland Museum of Natural History, we learn that a set of lantern slides showing the work of our Museum was used at a public exposition held in the large Cleveland Auditorium. In the ten days of the exhibit he estimates that fifty thousand people saw these views in an automatic stereopticon. This is the second time our slides have journeyed to the Middle West. They were once invited to make a tour of the Pacific States but urgent engagements in the East prevented acceptance.

A college student has asked for detailed information showing how New York City is supporting the Children's Museum in its work as a means of public recreation.

An inquiry from Des Moines, Iowa, for facts and illustrations to be used in organizing a Children's Museum shows the trend of educators in our own as well as in foreign countries. We are always happy to furnish material to start others in this good work.

A supervisor of drawing in the public schools, whose task it is to provide six hundred teachers of art with illustrative material for class instruction, visited the Museum to see what objects we have on display and to lend. As a result two classes from Public School No. 148 visited the Museum with their class teachers. The children spent about two hours in the Geography Room making rapid sketches from the models to be used for a series of posters on travel. A like visit was also paid to the Bird Room. A number of the children have since returned independently for further observation and study.

About eight boys and girls celebrated the Christmas holidays by completing courses of study on Museum subjects while many others began and worked on new ones. The exhibition rooms all became busy bee rooms for the time being and so many sharp eyes developed that those most interested now call themselves Museum Scouts and are pledged to report at each League meeting some new found treasure in the Museum cases.

The film library has been increased by a number of interesting films: The Honey Bee, Out of the Woods, In Arizona, The Seminole Indians in Florida, Wild Geese, Cherry Blossom Time in Japan, and a Bird Film.

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THERE ARE SPINNING WHEELS IN THE HISTORY ROOM
THEY SOMETIMES SPIN

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WOODCRAFT ACTIVITIES

Hikes by the Mogewetu Tribe reported by Sagamore Morton Wadsworth

Taking advantage of the Christmas holidays, on the twenty-ninth Sun of the Long Night Moon the Mogewetu Tribe hiked in the woods of Staten Island, starting from a place known as the Four Corners. We were unusually fortunate in having picked a day when the ground was covered with snow and the trees with their wintry adornment of snow and ice.

The members of the tribe were guests at the cabin of the Staten Island Bird Lovers' Club where our meals were cooked over the open fire. On that day the nature observations were chiefly of birds: the purple finch, cardinal, American goldfinch, pine siskin, golden-crowned kinglet, junco, field sparrow, and tree sparrow. The tracks of squirrels and white footed wood mice were seen in the snow.

On the Second Sun of the Long Night Moon the Mogewetu Tribe held its monthly hike in the wilds of Westchester. The most interesting incident on the trip was the finding of a large, hollow, dead tree with a number of holes in its upper limbs. Upon investigation one hole was found to contain the nest of a flying squirrel and its occupant. This mammal does not really fly but spreads its legs far apart and in that manner is able to glide through the air a short distance, from one tree to another. In one of the holes a screech owl was discovered. All those interested had the opportunity of examining it in his hands before the bird was released. Thirty-five different species of native wild trees were found, among them hickory and butternut trees whose nuts filled our pockets.

BROWNIE WIGWAM

Reported by Grace Keir

On December 2, the Brownie Wigwam enjoyed a hike into the real country back of Van Cortlandt Park. While we were having lunch one of the boys noticed a vine growing near a wall. Sharp eyes with curiosity back of them identify the true Woodcraft Brownie. The queer thing about this wild grape vine was that it was "hoisting itself up a tree with its tendrils just like a monkey using his tail" as one of the Brownies put it. This brought up the question, "Do all vines climb that way?" It was soon answered as a stalk of golden-rod was discovered up which a morning-glory had "hugged his way without tendrils like shinnying." Our lunch was cooked in a beautiful stone fire place that the Brownies built. It had an ash pit for cooking the potatoes and a slate shelf for baking the apples. Both potatoes and apples were enjoyed along with our sandwiches. After lunch we hiked over a long woodland road and found some willow wands useful for making baskets and other Woodcraft things. All the Brownies are trying to get a good collection of seeds. We saw golden rod, thimbleweed, sumach, aster, sweet-gum, sycamore, oak, alder, and wild-rose seeds. The twig collectors did well too but we decided to take home

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only three specimens of a kind as it is confusing to remember the names of more. We found a pool where some gray backed frogs lived. That was an interesting find as the frogs we saw last time were green. "Are frogs green when young and do they grow gray when older?" This question will be answered in a Scout Report at the next Council.

The Brownie girls are earning many honors in these days by giving cheerful help at home, setting the table, washing dishes, and running errands. A Brownie knows how to serve well and cheerfully and these services have the approval of the Council. Brownies are also interested in Scout Reports. One seven year old had seen mistletoe in a florist's window. "It had green leaves and tiny bits of wax all over it." Others had seen starlings and still others the saucy sparrows taking their baths in puddles on the side walks. On a tree just outside the Museum is a fine, big nest, but we must wait for the next Council to learn what kind it is.

INAWENDIWIN TRIBE

On December 28 the girls of the Inawendiwin Tribe held a Christmas Council and luncheon in the Woodcraft room at the Museum. The girls assembled early in the morning to cook the luncheon. The table was set for sixteen.

At the Council which followed eight honors were awarded. Doris Guck has but two more to win in order to complete her twenty-four for the title of Sagamore.

GIRL SCOUTS NEWS

Girl Scouts have resorted to the Museum constantly during the past month in preparation for tests. Some of the girls have been not a little surprised to find that there are six animals to be learned within our own city limits. These are the mole, skunk, rat, house mouse, gray squirrel, and rabbit. The girls studied specimens and pictures of wild flowers, those species they will see next summer when they go camping, and also the six birds they will be sure to recognize both at home and in camp. According to the records about two hundred Girl Scouts have used the Library.

In response to a request from the Education Department of the National Girl Scouts which is conducting courses for the training of Girl Scout captains in the colleges, the Children's Museum has assisted in interpreting, What Nature Study Means to the Girl Scout.

Talks on How to Study Trees, Flowers, Animals, and Birds were given at Barnard College and New York University. Groups came from Barnard College and St. Joseph's College, Brooklyn to study first hand, What the Children's Museum Has to Offer in Nature Study to Scouts.

During the past year we have conducted the work of nature study for the Brooklyn Girl Scout Captains' Training Course. Talks on How to Study Birds, Trees, Flowers, and Animals have been given to the captains at Erasmus Hall. On January 5, twenty captains came for their second class nature tests.

The total number of tests given to Scouts during January is 169.

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AUXILIARY NOTES

The December meeting of the Speakers Bureau was held on Friday, December 15, at the Brooklyn Woman's Club. Mrs. John M. Hallock and Mrs. John J. Schoonhoven reported having spoken before the Daughters of the Revolution at the Pouch Gallery on December 13. Mrs. Hallock presented the work of the Tree Club to the Daughters making her plea through the medium of a charmingly told story, and urging Brooklyn women to become "Tree Wardens" and help in the work for city trees.

Members of the Bureau discussed the need of more tree clubs in the city schools and expressed their intention of visiting schools in their respective neighborhoods to see whether such clubs could not be started.

Many recent interesting happenings were reported by the Curator at the regular monthly meeting of the Executive Board which was held in the Museum on December 18. Particular mention was made of the interest and enthusiasm the children are showing in the Franklin W. Hooper Memorial cases that had been exhibited. It is impossible to realize just how much these glimpses of the real out-of-doors mean to the city bound child.

Reports of the various committees and officers showed continued activity on the part of the Auxiliary in all its branches. The Secretary of the Membership Committee reported an increase of twenty-two members making a total on December 1, of one thousand and thirty-seven.

Plans for membership work were discussed and reports on new members were received at the regular meeting and luncheon of the Membership Committee held on January 3, in the home of Mrs. Frederick J. Austin. It was announced that a mass meeting would take place on January 18, at the Commercial High School under the auspices of the Fulton Street Board of Trade and the Woman's Auxiliary in the interest of the Museum.

The work of the Americanization Committee is significant and typical of the responsibility every civic institution should accept; namely that of fostering in our future citizens a sense of gratitude for the gifts and blessings of our City and Nation. The children in the Museum learn through study and association to understand how much the birds and trees and all living things contribute to make their lives richer. With this understanding comes the desire to care for and preserve these gifts of nature and so to lay the foundation for good citizenship. The Museum, through the Americanization Committee, reaches out in new ways and invites into its atmosphere of cordial friendship all mothers and children regardless of race or creed to accept its benefits and learn the lessons it teaches of love for all nature's wonders.

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LIBRARY NOTES

At the January meeting of the Bird Lovers' Club the special topic of the evening "Winter Birds" was ably presented by Mrs. Edward W. Vietor. The speaker took as the basis of her talk, the cumulative list of birds seen in Prospect Park in the month of January during the past fourteen years, a total of forty species. While the list included a few water birds, attention was called chiefly to land birds, some excellent study specimens of which had been provided by the Brooklyn Museum. A graphic account of the characteristics of each species, and of its preferred habitat in the Park was given by Mrs. Vietor. Among the birds described were the following: hairy woodpecker, downy woodpecker, purple finch, goldfinch, redpoll, pine siskin, cedar waxwing, junco, song sparrow, fox sparrow, myrtle warbler, (the only warbler which winters in this section), brown creeper, Carolina wren, winter wren, nuthatch, chickadee, kinglet, and hermit thrush.

The audience included as guests of the Bird Lovers' Club, the members of the Adult Woodcraft Tribe, who voiced their appreciation of the lecture in a hearty vote of thanks to the speaker of the evening. The specimens were examined with great interest, and reluctantly put aside because of the lateness of the hour.

One stormy afternoon during Christmas week Mrs. Frances Valentine Hallock told Christmas stories to a delighted audience in the Library. Among the listeners were the chief and sixteen members of the Inawendiwin Woodcraft Tribe who adjourned their Council meeting in order to listen to "The Scarecrow's Christmas" and "Speed."

The Library has purchased lately some very interesting sets of books. A most attractive series in six volumes edited by Olive Beaupre Miller, is called "My Bookhouse for Children." The first volume contains very simple stories and rhymes for little children, under the title of "In the Nursery." The stories in the second volume are grouped under the general heading "Up One Pair of Stairs," and are continued in progressive steps "Through Fairy Halls," "The Treasure Chest," and "From the Tower Window," the last two books consisting of myths, legends, and poems. The sixth volume contains sketches from the lives of authors, and also a full index to the authors, titles, and important characters in the whole series.

A good many of the younger girls and boys have been working assiduously in preparing for the animal, bird, and insect tests for Juniors. Over two hundred visits were made in November and December by Boy Scouts and Girl Scouts to aid them in passing satisfactory tests for the identification of birds, animals, flowers, and trees.

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LECTURES

Grades 7A or 7B: **Our Possessions** Tuesdays, 4:00 P.M.

February 6 The Plants of Hawaii
13 The Volcanoes of Hawaii
20 The Wonders of Alaska
27 The Panama Canal **M. D. Lee**

Grades 5A or 5B: **American History** Wednesdays, 4:00 P.M.

February 7 Causes of the Revolution
14 The Ride of Paul Revere—Motion Picture
21 Important Battles of the Revolution
28 The Close of the Revolution **M. D. Lee**

Grades 8A or 8B: **Electricity** Thursdays, 4:00 P.M.

February 1 Induction Coils
8 Motors and Dynamos
15 Electric Lighting
22 Special Lecture—See below **M. D. Lee**

Grades 6A or 6B: **Motion Pictures** Fridays, 4:00 P.M.

February 2 Bird Sanctuaries
9 Out of the Woods
16 How Life Begins, Part I.
23 How Life Begins, Part II. **M. D. Lee**

For All Grades: **Motion Pictures** Saturdays, 10:30 A.M.

February 3 An Insect Mother with many children
10 Making a Thread of Silk
17 Fishing with a Basket
24 The Why of a Volcano **M. D. Lee**

Primary Grades: **Reptiles** Saturdays, 2:30 P.M.

February 3 Poisonous and Harmless Snakes
10 Lizards and Swifts
17 Turtles, Old and Young
24 Crocodiles and Alligators **A. B. Gallup**

For All Grades: **Special Lectures** 10:30 A. M. and 2:30 P. M.

February 12 Lincoln the Boy and the Man
22 The Life of Washington **M. D. Lee**

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M

Vol. x. **BROOKLYN, N. Y., MARCH-APRIL 1923** **Nos. 6-7**

From a Photo Presented by Mr. Andrew J. Valentine

THE TAJ MAHAL
AGRA, INDIA

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VISUALIZED AT THE MUSEUM—REALIZED IN INDIA

Agra, India.

Dear friends of the Children's Museum:

If you have not noticed the Museum's model of the Taj Mahal, you have missed a rare treat! May I tell you how much a slight previous knowledge of the Taj Mahal, gleaned from the Museum model, has meant to me?

Long ago in my childhood days I used to gaze at a miniature model that to this very moment may be seen in the Indian exhibit on the second floor of the Children's Museum. The glorious symmetry and the whiteness of the Taj Mahal fired my imagination. Better still, my curiosity was aroused. I read the explanatory note beneath the model. This tended again to excite my interest, and finally I rushed to the Museum Library where I devoured a detailed description of the most magnificent of all the Royal buildings of India. Gradually I began to feel the spell of mystery and romance that seemed to radiate from the structure's every piece of marble. To me the Taj Mahal became a symbol of perfect Muhammadan architecture. I treasured its beauty as one of the wonders of the world.

Now it has been said that anticipation is often better than realization. In my dreams of the Taj it seemed as though this must be true. Thanks to my introduction, however, the final reality was doubly appreciated. I have at last visited the ancient city of Agra on the right bank of the Jumna River, and have viewed the Taj-Bibika-Rauza (Crown Lady's Mausoleum) or the Taj Mahal. I have found that it is the tomb of Mumtaz Mahal, or "Exalted of the Palace." This celebrated Empress, so history confirms, was noted for her beauty, accomplishments, and sympathy for the poor. Because of her brilliant intellect, she was consulted in all important affairs of State. Native artists picture her as having dark, piercing eyes and black hair flowing about her shell-like ears. Her face is filled with sweetness, and her eyes, though piercing, are deepened with softness, bespeaking finest womanly virtue.

We are told that the Empress remained with her consort, Shahjahan, like his shadow throughout his life. She even accompanied him in his campaigns. It was in 1629 during one of these battles that Mumtaz Mahal died. Shahjahan's grief was intense. He and his court assumed the white of deepest mourning. No music or festivities were allowed. The wearing of jewels and the use of perfume and luxuries of all kinds were forbidden. During two years, the Emperor's hair turned silver gray.

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In 1631 the Emperor brought his campaign to a successful issue, and in that year the foundations of the Taj were commenced. Just before her death, the Empress had asked that a building of unrivalled magnificence be erected over her grave. The Emperor invited to his Court all the distinguished architects, masons, and artists in his own territories, as well as from foreign countries such as Persia, Arabia, Turkey, and Italy. The Taj was seventeen years under construction. The white marble came from Jaipur, the red sandstone from Fatehpur Sikri and the precious stones from various parts of India, Persia, and the Trans-Himalayan regions. Twenty thousand workmen were employed on the Taj daily. For their accommodation a small town was built nearby.

I approached the Taj through the Main Gateway which rose one hundred feet. It stood upon a red sandstone platform over two hundred feet square. My guide told me the inscriptions in black slate upon the gateway were texts from the Koran and invited the Pure of Heart to enter the Garden of Paradise. He assured me that in former days the garden had known no rival. I could but think I knew of few gardens that could rival it today. Where would there be another garden in whose fountains, marble tanks, and Great Basement, were mirrowed reflections of the Taj? While I stood enthralled in this wonderful garden, I wished members of the Tree Club, might see the enormous Simal Tree over four hundred years old.

The four lofty minarets of the Taj seemed to be sentinels guarding the Tomb. However, on second thought I realized that this glorious edifice needed no guards, for the sheer beauty of it caused all Europeans to uncover their heads, and all Hindus and Muhammadans to enter it barefooted or with stockinged feet.

I spent many hours admiring this beautiful gem of India, more striking than any ruby I had ever beheld. Someone has called the Taj "a poem," and indeed it is just that. I saw the dazzling Indian sun cast its sunset rays upon the pearl marble. It lighted the Taj until the latter loomed upon my horizon as a fired ruby. I was lost in its wonder. Finally my Muhammadan guide gently reminded me that I must return to the hotel for Khana (dinner). This I did, but the spell of the Taj called me back at night to view it by moonlight.

Members of the Children's Museum League, helpers in Tree Club, Woodcrafters, and followers of Scouting, as I write these lines to you, I am thinking that perhaps I should never have realized the full glory of the Taj, if way back in those childhood days I had not gazed in deep admiration at the Museum's model of the Taj Mahal. It was then that I learned to dream a dream that one day made for reality.

Won't you take one good look at the Taj for me? I am sure you will be repaid.

Yours devotedly,

Caroline Mildreth Worth

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THE MUSEUM AFIELD

There are ways and ways of looking at museums; you may, if you like, regard them as storehouses of mildly interesting objects, neatly preserved in mothballs and metaphorically labelled, "Don't touch." But we to whom Woodcraft has given a share in the Little Museum, have learned to feel its pervading motherly presence, that draws into its hospitality all the young and eager, whether they be organizations or humans, and that goes with its children afield to whatever wider exhibits the world has spread for them.

So, on the 21st Sun of the Snow Moon, which by newer calendars is January, the Aiahyde Tribe borrowed Mother Museum's coffee pot and set off to Staten Island on its first formal hike, led by Assistant Guide Stryker of the Mogewetu Tribe, who is also Secretary of the Staten Island Bird Club. About 25 of us there were, forming something like a cross-section of the Woodcraft League, including every sort, from a member of the national Council of Guidance to Brownies and from a Sachem to simple guests, which is incidentally a fair sample-card of the Museum's influence and its opportunities. And the whole homogeneous group (that adjective is not facetious, for fusion is a Woodcraft specialty) was dropped on the edge of a Staten Island wood and started right in to fulfill its destiny.

A sloppy destiny some may have thought it, who stopped to excavate rubbers from the deep, dark mud or saved them from floating seaward on the icewater rills, but the malleable snow and mud were our friends for in them we found the tracks of a gray squirrel, distinct even to the toenails. A cottontail, behaving according to the best Peter Rabbit rules, escaped in front of us from a bramble-tangle, leaving a downy shred of fur behind him. Later, along the roads, many bagworms and cocoons—chiefly Cecropias—were seen, and if it was discouraging to collectors to find how few of them their parasites had left alive, at least it was good news to tree lovers. Many V-shaped flocks of herring gulls passed over us, all flying in one direction, toward the sea. But the zoological tidbit of the day came when Mr. Stryker, climbing a tall oak, plunged his arm elbow-deep into a hole, and just as he might have pulled an orange from a Christmas stocking, drew up an equally round screech owl and brought him down for inspection. That owl allowed his captor and all the inquiring hikers to pat him, examine his claws, eyes, beak, tongue and ear tufts, and unfold his wings to see the sound-muffling down, all without the least sign that he wasn't asleep or hibernating or stuffed. He couldn't have been a better Museum specimen if his

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mother had trained him to it in the nest, which is most unlikely, as he is presumed to be considerably older than the Museum. Yet any idea that he was politely carrying out his duty as host of the wood was shattered for us when Mr. Stryker let him go, saying, "Watch him now, if you think an owl can't see in daylight," and that bird, starting straight as a feathered baseball for his hole, stopped instead on the nearest branch, faced about toward the company with one long, majestic, yellow glare of freezing contempt, and then turned his back and made for home and peace. Peace he and his relatives have anyhow between calls, for we passed one of their quiet dining places, strewn with food refuse pellets.

Near the owl's tree, the day's peak for tree enthusiasts was our introduction to one of the three local specimens of the rare Bartram's Oak, a mystery to the sages—who are uncertain whether to consider it a hybrid between Red and Black or a genuine separate variety—and an entertainment to the less informed because of the amusing variety of its leaves, whose shapes agree in only one particular—they are all rather narrow. This tree bears no acorns. Other more or less familiar trees showed to advantage,—Pin Oaks in a meadow, giving a fine view of the drooping, lower branches, an Osage Orange with some trimmed branches, conveniently showing the yellow wood, an unusually large Sassafras, deceiving those who knew it only as a shrub, and many as interesting.

Our hike led us from the first wood,—where, on the hill above the abandoned mine-prospect of Colonial days, we encountered a troop of Scouts practising fire-kindling on wet ground,—over some roads to a most beautiful trail along the top of a ridge overlooking the bay, and finally to the Sanctuary maintained by the Bird Club, a fine wooded tract around one of the numerous little lakes, with a cabin for use when needed. Here the plaintive murmurs of the inner animal grew loud and clamored above the voice of Science,—and the Coffee Pot (it deserves capitals, outdoors) was rushed to the rescue. Small fires sprang up among different groups who did separate cooking, others cooked around the coffee pot, and some just ate. Science humbly retired for awhile, but met us again with a formidable list of imported trees as we started home through the Vanderbilt and Moravian Cemeteries. It was a perfect day!

One active thought stirred the drowsy relaxation as we watched the harbor lights slide by,—for it was warm enough to sit on deck. Oh that our Museum also had a wood and a lake and a cabin, for birds and animals and trees. . .and Us!

A. B. H.

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MUSEUM NOTES

From twelve of our United States and seven foreign countries thirty-seven students of the class in Sociological Visits from the Biblical Seminary, 541 Lexington Avenue, New York came with Dean John A. Wood to spend the afternoon of February 9, in studying the Museum. For three years Dr. Wood has given his graduating class the privilege of observing Children's Museum methods, believing their underlying principle to be adaptable to child welfare work in any part of the world.

Recent Children's Museum League Meetings have shown an average attendance of sixty. The girls and boys have chosen a considerable variety of topics to present in the form of five and ten minute talks. Among these were Norway, Bird Groups seen at the American Museum of Natural History, Old New York, George Washington, Abraham Lincoln, The World War, Polar Regions, The Pelican and the Penguin. More than ten students have satisfactorily completed museum courses of study.

The sudden resignation and departure of Miss Mary Day Lee early in February brought disappointment and regret to her many friends. For seventeen years, thousands of young people delighted in her lectures, and with her personal assistance many a troubled high school student solved his knotty problems in elementary physics and electricity. Under her direction for more than a decade there flourished an amateur wireless telegraph station where every eager inquirer into the mysteries of "Wireless" found satisfaction. Full-fledged wireless operators, made during their recreation hours, emerged from this station at different times. Several of these gave noble service to their country during the World War; some in the quiet research of technical laboratories, others in wireless stations of ships at sea, and others amid the dangers of the trenches and dugouts of the battlefields of France maintaining what was of supreme importance, unbroken wireless communications.

A collection of 5,000 lantern slides many beautifully colored, a well selected film library, and a large number of photographs of Museum views and specimens stand in further evidence of Miss Lee's untiring industry and enthusiasm in building up her department.

We wish her all happiness in her new home at White Plains, New York which is too far from Brooklyn to permit of her remaining longer in the Museum.

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AUXILIARY NOTES

THE SMITH PROPERTY

On March 2, 1923 at a meeting of the Committee of the Whole, The Board of Estimate and Apportionment of the City of New York voted to acquire title to the plot of land 250 x 250 feet, situated on Brooklyn Avenue between St. Marks Avenue and Prospect Place. The land, known as the Smith Property, is to be used by the City as a public park.

This action brought much encouragement and great happiness to the many friends of the Children's Museum then present, who stood in a body to express their enthusiasm for the cause which has engaged their efforts for the past three years. It is hoped that ultimately the City will transfer the mansion on the property to the Children's Museum.

It has long been evident that the deserted Smith Mansion, across the street from Bedford Park offered the most practical solution of our problem of overcrowding in the Bedford Park Building, and the Woman's Auxiliary of the Children's Museum had earnestly desired to be instrumental in its acquisition.

With this hope in mind the Auxiliary early in 1922 requested the Museum's Governing Committee, under whose supervision they were organized, to allow them to appeal to Mayor Hylan for a hearing before the Board of Estimate and Apportionment to present the need of a new Children's Museum. This request being granted, the date May 10, 1922 was selected for a public hearing. A large delegation of our members and other friends of the Museum were present and happily, Park Commissioner John N. Harman who had recognized in the Smith Property attractive possibilities for adding much needed space to the Park System of the Borough.

The needs of the Museum so ably set forth by Mr. Herbert L. Carpenter and the gifted members of our Auxiliary together with Commissioner Harman's appeal for additional park space brought most encouraging response from the Board of Estimate, and led Mayor Hylan to refer the matter to Borough President Riegelman and Park Commissioner Harman who were to prepare maps and plans for taking over the property.

The summer and autumn passed without final action, but the Woman's Auxiliary made good use of this interim by ascertaining public opinion on this matter from all parts of the Borough. The signatures of friends and property owners favoring the plan were forwarded to

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Borough President Riegelman's office on a strip of paper more than ten feet in length. Endorsements by Women's clubs representing 100,000 women were obtained and forwarded.

By the first of the year the time was ripe for the Mass Meeting which was held at Commercial High School under the joint auspices of the Fulton Street Board of Trade and the Woman's Auxiliary of the Children's Museum. The purpose of this meeting was to express public interest in the project of acquiring the Smith Property for a public park and additional quarters for the Children's Museum. Mr. Herbert L. Carpenter, President of the Fulton Street Board of Trade, was Chairman of the meeting. About seven hundred citizens from all parts of the Borough of Brooklyn were present and manifested great enthusiasm for the ideals and purposes of the Children's Museum. Commissioner of Charities, Bird S. Coler, Dr. Percival Huget, Dr. Edward B. Shallow, and Dr. James M. Edsall were among the speakers. The President of the Woman's Auxiliary and other members made earnest and effective pleas for enlarged facilities for the Children's Museum.

RESOLUTIONS

WHEREAS we, citizens of Brooklyn and of the City of New York, in Mass Meeting assembled at the Commercial High School on this 18th day of January, 1923 appreciate the far reaching importance and service being rendered to the children of our City by the Children's Museum now located at Brooklyn Avenue and Prospect Place,

AND WHEREAS we believe the example which has been set by this Museum will result in a nation wide and eventually world wide system of Children's Museums built and maintained to create enthusiasm and loyalty among the children and to add enthusiasm and interest by their education,

NOW THEREFORE BE IT RESOLVED by this Mass Meeting that a vote of appreciation be extended to our Mayor and other members of the Board of Estimate for their efforts for added facilities for the Children's Museum up to this time and that they be urged, together with the local Board of Aldermen of the district affected, to initiate the necessary further proceedings and to acquire through such process of law as is within their power, the property to the north of the present Children's Museum, known as the Smith Property, being on Brooklyn Avenue between Prospect Place and St. Marks Avenue, with the building thereon for a new Children's Museum and a property on which an adequate museum may in future years be built and serve the coming generations and encourage the inspiring effort of the women of Brooklyn to make the Children's Museum a great institution of our great City.

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RESOLVED that the Chairman and Vice Chairman of this meeting appoint a committee which shall present these resolutions to the appropriate authorities and be authorized to appear at any public meetings at which the Children's Museum matter is under consideration and prosecute the purposes and action urged in the resolution.

Herbert L. Carpenter, Chairman
Mrs. John J. Schoonhoven, Vice Chairman

During the interval between the happenings at the Mass Meeting and the next act of legal procedure the daily press carried many news articles, pictures, and friendly editorials setting forth the value and importance of the Children's Museum and urging immediate action by the City.

Since the law requires the local Board of Aldermen to initiate proceedings, a public hearing before that body was held in the Borough President's office, Borough Hall, Brooklyn on February 19. Again the friends of the Museum were on hand, this time about 100 strong. Among them were Mr. Frank H. Babbott, President of the Board of Trustees and Mr. Walter H. Crittenden, Chairman of the Museums Governing Committee. The call of the President of the Board of Aldermen for objections failing to bring any response, speeches in favor were declared in order. Mr. Carpenter, Dr. John Mickleborough, Mrs. I. Sherwood Coffin, President of the Auxiliary, Mrs. T. Mortimer Lloyd, and Miss Anna I. Purdy made strong appeals for the Children's Museum. Referring to the long period in which the Trustees of the Brooklyn Institute of Arts and Sciences had recognized the need of larger quarters for the Museum, Mr. Crittenden expressed the welcome they would give to a plan to relieve the situation.

The meeting concluded with a unanimous vote of the Board, led by Alderman John J. Campbell, to recommend to the Board of Estimate and Apportionment the early acquisition of the property in question for a public park.

Possibilities for a creditable development of our work on the Smith Property are unlimited. Here is ample foundation upon which to build up an integral part of our vast educational system for which hundreds of thousands of children are eagerly waiting. Here also is the site on which the first Children's Museum in the World is to become the Best Children's Museum in the World.

A. B. G.

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One of the most interesting sessions of the Americanization Committee was the February meeting held in the Woodcraft Room, Mrs. William H. Fisher presiding.

Miss Grace Corning Cotton, Field Secretary of the Woman's Auxiliary, gave a full account of her visits to eleven Scout Troops and the talks she gave on nature study carrying the inspiration of the Children's Museum idea. She has found the loan cases of birds and animals of great value in imparting enthusiasm for nature work. Her report showed wide recognition of a need of such guidance as the Children's Museum alone can give, illustrated vividly by the prompt reaction of the Scouts in using the Museum intensively for their nature work. Twenty-eight Scout Leaders and three hundred fifty Scouts have done first hand work among the Museum collections during the month.

Activities of the Woodcraft Tribes had continued with increasing results despite the handicap of limited space and facilities. Members of the Committee were urged to visit the Woodcraft Room and see the boys and girls of various tribes at their Woodcraft tasks. The average attendance each day was twenty-five.

Mrs. James R. Walsh, President of the Woman's Auxiliary of the Museum of the Staten Island Association of Arts and Sciences was an honored guest of the Committee. According to Mrs. Walsh, the work of the women associated with her home Museum was largely inspired by the Woman's Auxiliary of the Children's Museum, and the reason for their Americanization work was entirely due to this Committee.

On Saturday afternoon January 20, thirty-five Girl Scout Captains from different parts of Brooklyn gathered at the Children's Museum for Conference and Tea. This was the first of a series of Round Table Conferences for Scout Captains which will be under the leadership of Mrs. Maud Canfield, Commissioner of Girl Scouts Brooklyn and Miss Nellie Truman, Director.

The discussions at these conferences will include standards of work including nature work which is conducted by the Museum.

Among the important Girl Scout visitors at the Museum were Mrs. Katherine Dabney Ingle—representing the National Girl Scouts—and six members of the Columbia University Girl Scout Captains Training Course.

Miss Cotton gave them a talk on "Nature Study in the Girl Scout Program and How to Prepare for the Second Class Nature Test."

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LIBRARY NOTES

The need of more ample accommodations for readers has been keenly felt on many busy days since the coming of the New Year. In this respect, three days stand out most vividly. They nevertheless illustrate the fact that many kinds of work may be accomplished, even under very adverse conditions.

On February twenty-second, the Library was crowded to capacity during the entire day, many children being obliged to sit upon footstools or on the floor, or to stand in rows against the bookshelves. The number of readers recorded for the day was six hundred and thirty-five. Nearly two hundred children read stories about Washington, or wrote compositions about the first President. Groups of Junior High School girls obtained facts about "Valley Forge," what made it famous, and what is being done to preserve it; while three Scout Captains and troops of Girl Scouts from Jersey City were preparing for tests in the recognition of birds, flowers, and trees.

In spite of the rival attraction of coasting in the Park, between four and five hundred readers, more than could be comfortably seated, were in the Library on February 12. Of these two hundred twenty-five children read stories about Abraham Lincoln. At the same time different groups of adults were engaged in reading books on travel in Europe, seeking information to interest young people in Shakespeare's plays, and identifying animals and birds.

Another full day was Saturday, March third, with an attendance of four hundred and eighty-five. The Reading Room was constantly filled with children, some of whom were learning stories, for the Tree Club about Famous Trees, the red maple, horse chestnut, and sugar pine; while the Reference Room was occupied by Scout Captains and troops of Girl Scouts from Jersey City, who were studying birds and stars. In one corner of the room, a Woodcraft Leader was giving tests for coups in turtles and salamanders to a group of the Mogewetu Woodcraft boys.

One very busy day, a member of the Commercial High School was preparing to debate the question of the Immediate Independence of the Philippine Islands. He obtained in addition to other data a copy of the text of the official report of General Wood and Governor Forbes, the Special Committee of Investigation of conditions on the islands. The lad, Harry Galland, was so appreciative of the assistance rendered to him in the Library, that he volunteered in his turn to help us, by placing in envelopes many of the copies of the Children's Museum News, which are sent to various libraries in this city and throughout the country.

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LECTURES

Grades 7A or 7B: **Geography of the United States** — Tuesdays, 4:00 P. M.

April 3 New England
10 The Middle Atlantic States
17 Dixie
24 The Mississippi Valley — **H. Norwood**

Grades 5A or 5B: **American History** — Wednesdays, 4:00 P. M.

April 4 Early Explorers
11 Cortez and the Conquest of Mexico
18 Colonization
25 Settlement of the Middle Atlantic States — **H. Norwood**

Grades 8A or 8B: **Frictional Electricity** — Thursdays, 4:00 P. M.

April 5 How Electricity is Produced by Friction
12 Electric Machines
19 The Leyden Jar and other Condensers
26 Atmospheric Electricity — **H. Norwood**

Grades 6A or 6B: **Motion Pictures** — Fridays, 4:00 P. M.

April 6 The Apple Industry
13 The Salmon Industry
20 The Olive Industry
27 The Sugar Industry — **H. Norwood**

Primary Grades: **Trees** — Saturdays, 10:30 A. M.

April 7 Easy Ways to Learn the Trees
14 Familiar Trees on Our Streets
21 Trees of Our Parks and Lawns
28 What Trees Do for Man — **H. Norwood**

Primary Grades: **The Procession of the Wild Flowers** — Saturdays, 2:30 P. M.

April 7 Earliest Swamp Flowers
14 Flowers of the Woodland
21 Meadow Flowers
28 Flowers of the Brooks — **H. Norwood**

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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JUN 25 1923

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M

VOL. X. BROOKLYN, N. Y., MAY 1923 No. 8

THE VACATION HOURS OF THE STAY-AT-HOMES ARE DEVOTED TO THE COLLECTING OF EGG MASSES OF THE TUSSOCK MOTH

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THE JUNIOR LEAGUE

The Junior League of the American Association for the Planting and Preservation of City Trees, familiarly known as the "Tree Club" is one of the live clubs of the Children's Museum. It constitutes a militant standing army of over twenty thousand members throughout our Borough. For democracy the Tree Club has no peer! There are neither age limits, sex rights, nor racial differences—no special lists of honorary members, no subscribing nor life memberships—no patronesses, neither are there any dues to deprive the boy or girl of the much treasured marble or lollypop! Everyone, from kindergarten to high school, who loves trees and is fond of work is eligible. In fact we can boast of a number of adult members among whom are one of Brooklyn's popular divines and the President of the United States. President Warren G. Harding, in a letter to the Director, declared his earnest desire to live up to his Pledge.

Each member in good standing since March 1 12, when the League was formed, has donated his share to the planting of hundreds of trees along our thoroughfares, in the yards of schools, and around churches, libraries, and other public institutions. Every tree now stands as a witness to the energy of these little workers.

The largest example of tree planting accomplished by the Juniors is that on Albany Avenue from St. John's Place to Dean Street—six blocks—each having 18 fine Sycamore or Pin Oak Trees.

Funds for tree planting are raised by the sales of newspapers, magazines, old rubber, and metals. These are brought by the members to Headquarters, the Children's Museum, and placed in the Tree Club Room provided by the Park Department, and kept until the day of selling comes around.

Many ingenious methods of transportation are resorted to—sometimes a pushmobile, a baby carriage, and *sometimes* an automobile being pressed into service.

Weather has no terrors for the Junior! On the hottest of summer days and on the coldest and stormiest of winter days, he can be seen tugging his quota to Headquarters.

The vacation hours of the Stay-at-homes in summer are devoted to collecting the egg masses of the Tussock Moth. Thousands and thousands of these noxious pests have been collected and brought in and burned up in the furnace at the Museum. When one realizes that about 500 hungry, little caterpillars are snugly stored away in each egg mass

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fastened to the trunk or limb of a tree—then does a little figuring—he will appreciate the extent to which the "small hands" of our youngsters save the trees from their ravaging insect enemies.

In this work the excess energy of the child finds a healthy, normal outlet—being turned into channels which make for the general good.

FIVE HUNDRED (500) HUNGRY, LITTLE CATERPILLARS
ARE SNUGLY STORED AWAY IN EACH EGG MASS

It is the ambition of every member who has done good work to pay ten cents, become a Tree Warden, and to receive a small, gold button with a green tree in the center. With the button goes a 7x9 white and brown certificate which carries the Tree Warden's Pledge and is attractive enough to frame and hang on the walls at home. The Tree Warden now learns his Pledge and in his efforts to obey it becomes a real care taker of the trees of our City.

His responsibility thus begun never ends because he is ever thinking of the green things of beauty—*Trees!*

A number of principals and teachers seeing the intrinsic value of this civic movement have inaugurated Chapters (Tree Clubs) in their schools and have added many new recruits to the work. Public School

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156 stands first on the list with 1546 Tree Wardens added this spring. Five green and white pennants—15x36 inches, bearing the Association initials were presented to the classes in this school which stood 100% in Tree Warden membership. Public School 167 is second on the list with 1350 new members and is the proud owner of thirteen pennants, while Public School 139 is third with nearly 1000 members and has fifteen pennants adorning the class rooms. Public School 92 rolled up a membership of 650 and secured five pennants. Public School 41 enlisted 480 Tree Wardens, with ten pennants. Public Schools 6, 8, 12, 26, 35, 45, 73, 93, 102, 129, 148, and 178 are vigorously at work obtaining new members, while P. S. 10, Manhattan has recently started a campaign which is expected to result in a 100% School Membership. Each day brings the good news that some other school has joined our ranks of Tree Wardens.

Other principals and teachers are urged to extend this vitalizing work in the schools and thereby enlist the active cooperation of their boys and girls in the most important task of protecting our Park and Street Trees. Every boy and girl must be made to feel keenly and to accept his and her responsibility for obeying "hands off" with respect to *every City tree*. No Tree Warden should tolerate in any other child the breaking off of branches, cutting initials in the bark of trees, or the pulling of their flowers, leaves, and twigs.

The future of our trees will depend wholly upon the degree to which this cooperative spirit can *now* be stirred. Eventually the entire responsibility of tree protection and planting in our midst will pass into the hands of these Tree Wardens, now qualifying to be "future citizens."

When one learns and remembers that the trees are his "silent friends"—working always for his comfort, health, and happiness he is more regardful of their safety.

The Junior's Slogan is—*Beautify Brooklyn*—a principle the Junior has lived up to for the past eleven years! "Conservation Week" is perpetual with the Tree Wardens!

JUNIOR'S PLEDGE

I promise to Study, to protect, and to *help* Plant Trees whenever and wherever called upon.

I will be Loyal, Honest and obedient, and will *help* Promote Good-fellowship in behalf of Trees.

I will be Courteous and Patient in all my requests for the care of Trees, and will win for my "Tree Warden" badge respect and honor.

M.W.C.

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MUSEUM NOTES

The News refers again with pride to the work of its former visitor W. Langdon Kihn. Mr. Kihn's second annual exhibition of portrait drawings of American Indians of Western Canada at the Ainslee Galleries, is announced for the first two weeks in May and the attractive Indian totem on the invitation is an earnest of what the visitor may expect to see.

Referring to Mr. Kihn's work, Mr. Peyton Boswell says, "And now there comes along a young artist, W. Langdon Kihn, who in a period of three years has established himself as a distinct school by himself, differing from all other schools of Indian painting; and who, besides stirring the admiration of the art world for the pure beauty of his work, has earned the plaudits of a much more exacting audience—one composed of scientists and ethnologists, whose interest in the Indian is not so much that of beauty as that of Truth."

The Children's Museum can take no credit for the spark of genius that inspired the artist as a boy nor even for the technical instruction that was needed to bring his potential gifts to fruition, but it does recall with satisfaction and great interest the many mounted birds and other natural history specimens it loaned to Kihn as a young boy when he came to the Museum every day to revel in the color and forms he loved in nature. The Museum witnessed his development in the precision and accuracy of bird portraiture—drawing from the mounted specimen until a sudden awakening determined the student not "to draw from specimens any more but to study the living birds and thereby gain life in the drawings."

Pupils from Public School 18 were especially interested in a lecture on the Running of the Blockade in the Civil War because the Monitor "cheese-box on a raft," was built near their school and they were familiar with the details of it. The models of the Merrimac and Monitor were afterward inspected with close attention.

Our Orphans who come each Friday were delighted with the lecture and pictures of wild animals which they heard the day after their visit to the circus. In many ways these children are our most enthusiastic and appreciative attenders. They show an ardent preference, however, for moving pictures, especially "Paul Revere," in contrast to what they term "still pictures."

Miss Gallup represented the Children's Museum at the Eighteenth Annual Meeting of the American Association of Museums, held in Charleston, South Carolina, April 4 to 6. Returning by way of Washington and the National Museum she was able to locate material that will be valuable in developing the Hooper Memorial Collection.

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Courtesy of the Daily News

GETTING READY FOR FIELD TRIPS IN SUMMER VACATION
LEARNING ANIMALS THROUGH THE ANIMAL GAME

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AUXILIARY MEMBERS ATTEND CONVENTION OF THE AMERICAN ASSOCIATION OF MUSEUMS AT CHARLESTON, SOUTH CAROLINA

The Eighteenth Annual Convention of the American Association of Museums, took place in Charleston, South Carolina, from April 4, to April 6, inclusive. A large delegation from the Woman's Auxiliary headed by the President, Mrs. I. Sherwood Coffin, went from Brooklyn to this historic town of the Old South, to enjoy the inspiration of the meetings, to gain a broader viewpoint upon museum problems, and also to express by their presence at this Convention the interest of Brooklyn women in the Children's Museum.

Every hour was crowded with novel and delightful experiences. The hospitality was gracious and lavish in its provision for the large number of men and women who filled every room in the New Charleston Hotel, and taxed the capacity of all facilities.

Members of the Auxiliary found the discussions in the Convention, of museum problems, as they have been worked out in other cities, absorbingly interesting. The project for the establishment of National Headquarters in Washington, as a clearing house for the dissemination of information and helpful service for all museums, was the chief topic before the Convention. The concept of nationalizing the Museum Idea met enthusiastic response from all the delegates. The Woman's Auxiliary is very happy to make a contribution to this movement destined to link all museums of the country into a closer unity that will mean greater strength for all.

All those who went on this trip will long remember with grateful appreciation the welcome in Charleston from the Museum and from the citizens.

On behalf of the Woman's Auxiliary, the twelve ladies in attendance at the Convention made up a purse which they presented to Miss Laura M. Bragg, Director of the Charleston Museum, at the last session, to buy something for her Collections. It was a happy coincidence that this sum was enough to complete a fund Miss Bragg was saving to purchase a Dwight Franklin group for her Children's Room. Our Auxiliary is proud to have made this small contribution to the work for children in the Charleston Museum.

The week-end party to the Santee River was the last entertainment of a crowded week. On the journey homeward, the delegates and visitors united in their enthusiastic wonder and praise of the hospitality that had made their week in Charleston an experience never to be forgotten.

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THE ANNUAL MEETING OF THE WOMAN'S AUXILIARY

One day in the year the Children's Museum welcomes the Woman's Auxiliary for their Annual Business Meeting. On April the twentieth, about two hundred earnest women gathered to hear reports of the year ending April first. There were many guests from out of town. Five ladies of the Woman's Auxiliary of the Staten Island Association of Arts and Sciences were present. Guests came from Long Island and others from New Jersey.

Reports of the officers were given in the morning. The President, Mrs. I. Sherwood Coffin, gave an illuminating report in which she stressed the growth of the Auxiliary and its influence in the community due to the enthusiasm of Brooklyn women for the ideals of the Children's Museum. Mrs. Frederick L. Jenkins, Secretary, gave an exhaustive report of work in all its phases, paying graceful tribute to the officers, and the chairmen of committees who have helped to make this year's work notable. Mrs. John B. Clark as Treasurer reported a substantial balance to the credit of the Auxiliary at the close of a year when the obligations and expenditures have been heavier than ever before. The membership Secretary, Mrs. Frederick B. Slocum told of the increased income from dues and new memberships. The Curator, Miss Gallup, gave a vivid picture of the many sided activities and accomplishments of the year in the Museum, showing growth in every department. Despite handicaps, the service of the Museum to schools and to the community has been continued with great efficiency.

Mrs. John J. Schoonhoven, the Educational Secretary, emphasized the civic importance of the Auxiliary, its ideals of service to the children of Brooklyn and its plans for greater work in a larger field in the future. "Constructive work for the normal child of promise is always most rewarding."

Luncheon was served at one o'clock. Mrs. William H. Good of the Board of Trustees, and Mr. Laurence Vail Coleman of the American Museum of Safety, were guests of honor. The afternoon session convened a little early and both Mrs. Good and Mr. Coleman spoke to the assembly. Mr. Coleman, as Secretary of the American Association of Museums, outlined the plan for National Headquarters for the Association and the advantages of this service to all museums. Much enthusiasm was aroused by this address and Mr. Coleman's words of admiration for the Woman's Auxiliary.

At the afternoon business session, reports were heard from the Membership Committee, Mrs. William Whittaker, Chairman; the Speaker's Bureau, Mrs. Havens Brewster Bayles, Chairman; the Americanization

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Committee, Mrs. William W. Fisher, Chairman. The wide scope of work revealed in these reports showed growth in the power and influence of the Auxiliary. Miss Grace Corning Cotton, the Field Secretary, reported on the various groups she had brought to the Museum for special instruction. She told many stories illustrating the effects of Museum experiences upon the life and thought of these children. The Scouts and the Woodcraft Tribes, under the special care of the Museum were all flourishing—their attendance was increasing and the number of Scout tests was taxing the facilities of the Museum and the time of the special instructor. The Field Secretary's work has been under the supervision of the Americanization Committee, and its growth is the source of much gratification.

The election of officers and Board members showed only two changes. Mrs. Jennie W. Hughes was placed at her own request upon the list of Associate members of the Board, and Miss Minnie Brock was elected to take her place. Mrs. Frederick B. Slocum resigned her office as Membership Secretary. A vote of appreciation for her efficient work in this office was passed. Mr. Frederick J. Austin, who has served the Membership Committee as Secretary for three years was elected to fill the place made vacant by Mrs. Slocum's resignation. The Auxiliary is fortunate in having a woman of Mrs. Austin's recognized ability in this important position.

The largest benefit of the year given by the Auxiliary, was the Theatre Party, March 19, in the Montauk Theatre. The play was Captain Applejack, a delightful comedy. The theatre was packed to capacity, for all the Museum friends came to see the play and to express their interest. More than $1400. net profit was realized from this one evening. The Auxiliary gratefully acknowledges the generous support of the clubs and the many friends who helped by their patronage to make this evening brilliantly successful.

GIFTS

Mrs. Frederick W. Rowe
Mrs. Elmore Ross McIntosh
Mrs. Susie C. Snyder
Mrs. F. A. Bare in memory of her daughter, Mrs. Laura Alice Chapman
Frederick Loeser & Company, Annual Gift

INDIAN POW WOW

On March 28, at the home of Mrs. Don C. Seitz, the Membership Committee gave an Indian Party with many unique features. Mr. Don C. Seitz lectured on Indian lore and legend, making the life of the Redman, his history and his ideals, singularly vivid. There was Indian music and an exhibition of Indian rugs, baskets, and bead work. E. Irving Couse lent a number of his pictures of Indians, an exhibit of great interest and beauty. A bit of drama ended the program, when Indians captured two children, placed them in chains, and demanded a ransom. Generous contributions purchased freedom for the captives, and the proceeds are being used for the work of the Children's Museum.

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WOODCRAFT

On the Seventh Sun of the Wild Goose Moon, the Mogewetu Tribe had it's regular monthly hike on Staten Island. They spent the morning in nature lore and gathering materials for making fire without matches. When it was time for the noonday meal, Leo Yedlin obtained the fire.

The following birds were observed:

Song Sparrow	Golden Crowned Kinglet	Bluebird
Field Sparrow	Downy Woodpecker	Screech Owl
Phoebe	Meadowlark	Red Shouldered Hawk
Robin	Crow	

An interesting fight took place between a Red Shouldered Hawk and two Crows. Later a Screech Owl was disturbed from an old tree. It alighted on a low limb nearby and Guide Stryker took its picture. A great number of Hylas were heard peeping in a swamp and one was examined at close range. Several Batrachians were caught and studied.

The following trees were identified:

Red Cedar	Sweet Gum	Pitch Pine
Black Birch	Pin Oak	Sycamore
Red Maple	White Oak	Black Alder (catkins)
Gray Birch	Black Oak	White Ash
Tulip	Red Oak	Smooth Sumach
Catalpa	Hemlock	Shagbark Hickory
Basswood	Sassafras	Norway Maple
American Elm	Red Pine	Black Sumach
Ailanthus	White Pine	

The Aiyahyde (adult) and Inawendewin (girls) Tribes went on a hike together on the Twenty First Sun of the Green Grass Moon led by Guide Stryker. Birds and trees were the subjects of interest. Late in the day a Fish Hawk, a Woodcock, and an Owl were either seen or heard. Guide Stryker again extended the hospitality of the Bird Cabin in the woods of the Staten Island Bird Club where lunch was enjoyed.

GIRL SCOUTS

At the invitation of Mrs. Herbert Hoover, President of the Girl Scouts, Miss Grace Cotton, Field Secretary of the Woman's Auxiliary attended the National Girl Scout Convention in Washington, April 23 to 25. Miss Cotton spoke at the Evening Session on April 25, held at the National Museum on the Value of Museums to the Girl Scout, making a strong appeal for a larger place for nature lore in the Girl Scout program and telling how the Children's Museum is opening the door for Brooklyn Scouts to the Wonderland of the great out-of-doors.

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LIBRARY NOTES

On March eighteenth, some sprigs of pussy willow from New London, Connecticut, were presented to the Library by a member of the Museum Staff. These downy catkins are always a welcome reminder of the coming of Spring. In this case, however, a delicate pine-cone gall, standing erect upon the tip of a willow twig, gave an added charm. The little gnat which caused this curious growth has a long Latin name *Rhabdophaga strobiloides*. It makes an incision in the very tip of the leaf-bud, and deposits an egg there. The willow stem stops growing, but the outer leaves crowd around the gall, thus taking the shape of a short, thick pine cone. The larva remains in the heart of the gall throughout the summer and winter, and changes to a pupa early in the spring.

Several additional specimens of the pine-cone gall were brought to us from the Palisades of the Hudson by another friend. A little exhibit was therefore made, consisting of a live-oak gall, blackberry gall, wool sower, and the pine-cone galls, which proved of much interest to visiting children from Jersey City, Port Washington, Woodhaven, and Queens. The pine-cone gall served also as a "scout report" for a member of the Children's Museum League, at one of their meetings.

Noteworthy efforts to design posters were made by a class of 6 A boys and girls in Public School Number 148, under the direction of Miss Elizabeth M. Getz, Supervisor of Drawing, aided by class teachers. After sketching butterflies and moths in the Insect Room and different models in the Geography Room, the pupils worked assiduously in the Library from time to time, drawing studies of butterflies and moths; also details of geography groups, such as king penguins, camels, reindeer, Eskimo dogs, and the dugouts of the South Sea Islanders.

The Library has received a gift from Mrs. Seth Thayer Stewart of a scholarly volume entitled "The Founding of New England" by James Truslow Adams. This book is said to be "the best short history of early New England that has appeared for a generation," and received the 1921 Pulitzer Prize as "The best book of the year upon the history of the United States." It is of further interest to us from the fact that the author is a grandson of the late William S. Adams, for many years U. S. Consul to Cuba, who built the mansion in Bedford Park which has become the home of the first Children's Museum in the world.

A set of books in eight volumes which is highly recommended for the use of boys and girls in connection with school studies, is entitled "Compton's Pictured Encyclopedia," and as the title suggests is filled with fine illustrations. There is an alphabetical arrangement of subjects in this series, while the last volume furnishes study outlines in geography, history, mythology, fine arts, industries, and applied science.

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LECTURES

Grades 7A or 7B: **Zoology** — Tuesdays, 4:00 P. M.

May 1 The Smallest Forms of Life
8 Sponges and Coral
15 Starfish and Their Allies
22 The Shelled Animals
29 The Earthworm — **H. Norwood**

Grades 5A or 5B: **History** — Wednesdays, 4:00 P. M.

May 2 Indian Life
9 Pioneer Life
16 Modern Farm Life
23 The Western Ranch — **H. Norwood**

Grades 8A or 8B: **Physics** — Thursdays, 4:00 P. M.

May 3 The Three States of Matter
10 Slow Oxidation
17 Rapid Oxidation
24 Expansion of Gases, Liquids, and Solids — **H. Norwood**

Grades 6A or 6B: **Motion Pictures of Hawaiian Islands** — Fridays, 4:00 P. M.

May 4 Life, Industries, and Customs
11 Pageant, Pineapples, Bananas
18 Rice, Poi, Cocoanuts
25 Fishermen, Waterfall, Kilauea Volcano — **H. Norwood**

All Grades: **Geography** — Saturdays, 10:30 A. M.

May 5 The Yellowstone Park
12 The Glacier National Park
19 The Big Trees of California
26 The Garden of the Gods — **H. Norwood**

Primary Grades: **Insects** — Saturdays, 2:30 P. M.

May 5 Silk Makers
12 Butterflies and Moths
19 The First Paper Makers
26 Our Useful Insect Friends — **H. Norwood**

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

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From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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CHILDREN'S MUSEUM NEWS

VOLUME XI

OCTOBER 1923 TO MAY 1924

An illustrated periodical devoted to the activities of the Children's Museum in presenting to children various subjects in Natural History, Geography, and United States History

BROOKLYN, N. Y.

1923—1924

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CHILDREN'S MUSEUM

OF

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

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The Children's Museum was established in December, 1899. It was the first institution of its kind and is today the largest and best equipped Children's Museum in the World.

It interests and instructs children by means of its exhibits of natural history specimens; geographical and historical models; its library containing 9000 carefully selected and graded books; its illustrated lectures; and personal attention to visitors.

The Museum Publications comprise the Annual Report, The Children's Museum News, Circulars of Information, Classified lists of Specimens to Lend to Schools, lists of Nature Books, and a Catalogue of the Historical Collection.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

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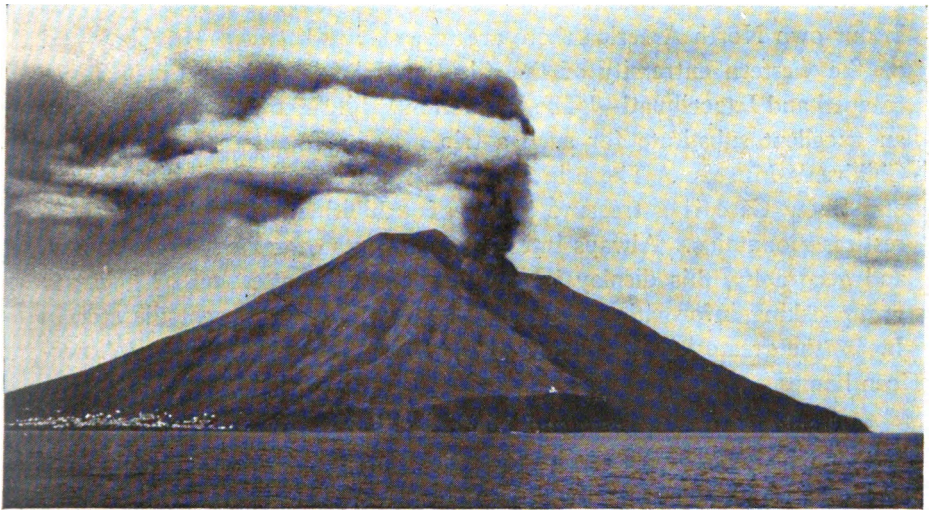

STROMBOLI, "THE LIGHTHOUSE OF THE MEDITERRANEAN." A NEAR VIEW OF THE CRATER AT THE MOMENT OF A SMALL EXPLOSION – FROM A HAND COLORED PHOTOGRAPH MADE AND PRESENTED BY MR. FRANK A. PERRET

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A TRIP TO VOLCANO LAND VIA THE CHILDREN'S MUSEUM

Among the most interesting phenomena of the world are the volcanoes, those grim mountains which at times rise peacefully above the landscape and again, almost without warning, belch forth fire and streams of lava often completely altering the geography of the surrounding country. If one were to pay a first hand visit to all the great volcanic areas it would take more time and money than any one of us has to spare, for he would have to travel from Mt. Hecla in Iceland in the far North to Mt. Erebus in the southernmost part of the Antarctic continent. Even in our own North America there are many miles between Mt. Cleveland on the western extremity of the Aleutian Islands and the great Popocatapetl and Iztaccihuatl—"The Woman in White"—of Mexico. Happily an excellent substitute for such a trip may be found in a visit to the Children's Museum. There in Library, Lecture Hall, Exhibition Room, and Show Case is a treasure hoard of exhibition material from these restless mountains. Always interesting students of mineralogy, geology, and geography, this display is now attracting the attention of a larger group asking information about earthquakes; for the recent disaster in Japan, the greatest in the history of the world, has affected many American homes.

Thanks to the interest and kindness of Mr. Frank A. Perret, the well known authority on volcanoes, the Museum possesses a collection of beautiful photographs, the work and gift of Mr. Perret, which show a number of these mountains in all their natural colorings. There is a remarkable picture of Vesuvius in eruption as well as one of her in repose and there are views of Stromboli, Sakurashima, and Etna. The latter is the largest active volcano in Europe having a base circumference of ninety miles and towering eleven thousand feet into the clouds.

On the walls of the Geography Room hang relief maps showing the location of volcanoes and also something of their formation. One map depicts the Hudson River and the Palisades together with the geological structure of New York Harbor. One of Mr. Dwight Franklin's beautiful models represents an island in the South Seas which was thrown up from the depth of the ocean as the result of ancient volcanic action.

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In the Mineral Room may be seen pieces of sulphur from Mt. Etna, a volcanic bomb from France, lava and volcanic dust from Vesuvius, and a section of one of the basaltic columns from the Giant's Causeway. There are also specimens of obsidian, volcanic glass, some finely drawn into minute threads and known as "Pele's Hair," and some in massive, black chunks. Pieces from the lava of Vesuvius have been made into an inkwell, paper weight, and a medallion picturing the mountain.

With the aid of the magic lantern and motion pictures, a visitor to the Children's Museum may easily go on a volcano trip around the world, watch in perfect safety the eruption of the volcano of his choice, and see in detail its every action. Of course not everything volcanic is a mountain. For example beautifully colored slides show the wonders of our own Yellowstone Park in Wyoming with its boiling pools and steaming geysers. There may be seen Old Faithful, The Grotto, The Castle, and Handkerchief Pool—which guarantees to wash your handkerchief clean and return it to you—and many other similar wonders. Taking a long jump to Hawaii the traveler may first get a general idea of the Islands from maps thrown on the screen and then visit at will Honolulu, Maui, or Molokai or watch by night an eruption of Mauna Loa and see the lava flow from Kilauea and its lake of fire. Down in Ecquador is Mt. Chimborazo and in Boliva, Illemani with the City of La Pez nestling at its feet. Now-a-days one seldom thinks of Ireland or Scotland in connection with Volcanoes, but relics of a period of volcanic action may be found in both of these countries, especially the former, where stretches along the northern coast that mysterious columnar rock formation, already mentioned—the Giant's Causeway. Many thousand years of buffeting by wind and water have worn the rocks into fantastic shapes and patterns. There are the "ladies fan," the "lion rock," "the organ," the "wishing arch," the "wishing chair," "keystone," "Hannah's rock," and other formations similarly named by an imaginative people. Returning to New York again one can see maps of the preglacial period in the history of New York Harbor, the submerged channel of the Hudson River, slides showing the geological formation of the Palisades, and a volcanic crossing at Weehawken, New Jersey. There is no lack of variety in the material here offered to the would-be traveler or student of geology.

For those who prefer to do their traveling by books, the Library offers on another page a long list of reading matter on the subject of Volcanoes and the geological changes resulting from their action.

M. E. S.

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THE MUSEUM OUT-OF-DOORS

The summer field trips which, through the generosity of the Woman's Auxiliary, have now become an annual feature of the vacation program, succeeded in the face of many obstacles. The first difficulty to be overcome was that of finding a qualified teacher to conduct the work. It was not until August first that Miss Anna M. C. Geiss was ready to begin it. In that one month, one hundred and fifty young people shared the enthusiasm of all nature lorists. The Lecture Room cleared of its chairs, became the headquarters for these busy children every day when they were not in the field.

Here were mounted, studied, and labeled insects, forms of marine life, flowers, ferns, the leaves and fruits of trees, and minerals which had been collected. These are now on view in special cases in the main corridor of the Museum. Each child searched independently for the name of every insect, flower, or mineral in his collection. Help was given each one only after he had tried to identify his specimens unaided. Accuracy and neatness and appreciation of the value of perfect specimens mark each child's results.

There were thirteen trips to various places near Brooklyn. One of the best of these was a visit to the Winslow Estates, the children being the guests of Mrs. Charles H. Winslow. Here the Brooklyn children met in friendly exchange of ideas a group of Rosedale nature lovers whose interest in things out-of-doors had been quickened by a visit to the Children's Museum in early summer. These young children have formed a branch of the Children's Museum League. Pleasant hours were spent in tramping through the woods, in collecting, and enjoying the refreshing lemonade furnished by the hospitable hostess. The Rosedale children who had made most progress arranged to obtain through Miss Geiss a leaflet on How to Collect Insects.

A number of Mothers of the Brooklyn children have expressed gratifying enthusiasm for what the Museum offers by attending some of the trips and sharing with the children the work of arranging specimens. So much eagerness for these out-of-door experiences has been expressed that Saturday trips are being continued during the autumn months.

VISITORS

Senator William B. McKinley visited the Museum on July 28. For this purpose he gave his one afternoon in New York on his way, as one of the delegates, to the Inter-Allied Parlimentary Union at Copenhagen. He expressed admiration for the many effective avenues through which the Museum reaches its large public.

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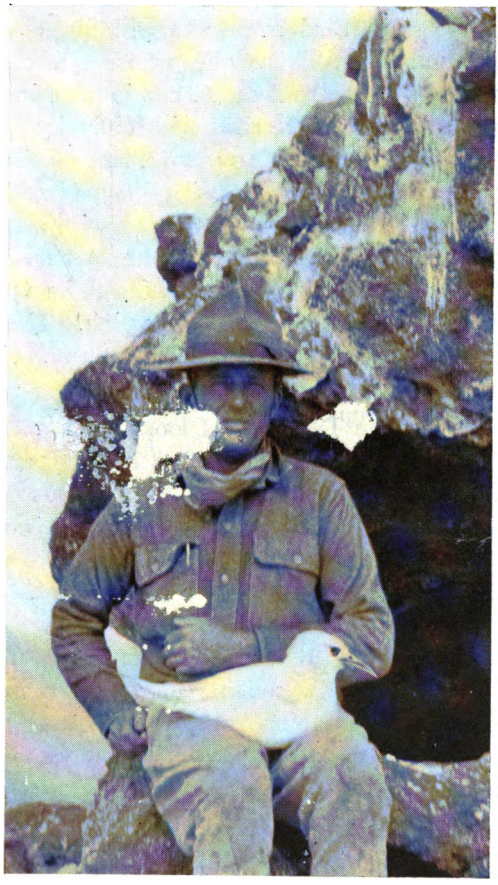
From Major Chapman Grant, formerly a member of the Children's Museum Staff, we have received an interesting account of his recent four months' trip through the Leeward Island Bird Reservation in the Pacific Ocean.



MAJOR CHAPMAN GRANT ON SUMMIT OF NECKER ISLAND FAR OUT IN THE PACIFIC HOLDING A RED TAILED TROPIC BIRD—THE BIRD'S EGG IS IN THE CAVE

This reservation lies north of the Hawaiian group. Its Islands are of volcanic origin, and widely separated. Major Grant made his trip in the service of the the Bishop Museum in Honolulu to collect fish. He brought home twenty-six new species and made observations of birds which are timely in this number of the News.

THE REDTAILED TROPIC BIRD

Phaethon rubicaudus

Throughout the tropical seas, nesting under bushes or in nooks in sea cliffs of desert islands lives the Redtailed Tropic Bird. Its close ally the Whitetailed Tropic Bird, frequents inaccessible cliffs sometimes far

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inland on the larger islands. Its most spectacular site is the crater of Kilauea, on Hawaii, where it has received the local name of Pele's dove. Her doves fly into the fire pit, seemingly to enjoy the rising hot air currents that waft them out again.

The Redtailed Tropic Bird is peculiarly built, close coupled and heavy, with wings small for his weight, whose quick beats make the flight seem labored. As a direct result, he can indulge in very little soaring, but is a strong, fast flyer. He rises with difficulty from the ground and is incapable of walking at all. Any movement on the ground is preceded by mature deliberation; then the bird shoves itself forward aided by feet and wings and bumps down on its breast with a thud. The short legs are placed far back on the body. All four toes are webbed and are doubtless of great aid to the bird in rising from the water. The distal or lower half of each foot is black, the upper pink. The eyes are large, brown, and beautiful. The bill is scarlet and strong, with backturning serrations on the edges.

At a short distance the Tropic Bird looks white and it is not until it is observed at close range or handled that its true beauty can be appreciated. Then the whole plumage is seen to be suffused with a delicate dawn pink—each feather of satiny sheen standing out alone like a burnished scale, reflecting a sunset. The tail bears two vermilion edged black quilled plumes as long as the body of the bird. These feathers were greatly sought by the Alii or nobles of the Hawaiian Islands, for mounting on their long handled cylindrical kalihis or fly chasers. At present the feathers are illegally sought for millinery and are taken by plucking them from the nesting bird, who often protests vehemently with its parrot-like voice, but is unharmed except in temper and pride.

No nest is built, but the single, handsome, redblotched egg is laid under a bush or in a recess of a cliff and looks much like our hawk eggs. The nestling is soon covered with gray down and in front view resembles a marmoset. A little later it grows black speckled feathers which remain the first year without any accompanying red streamers and without a pink glow. It is difficult to account for the use of the long tail feathers, unless they were evolved to counter-balance a seeming top heaviness of the bird. During flight before nesting, the birds engage in a kind of strutting, by remaining stationary in midair and spreading and twisting the tail to one side or the other while uttering a harsh, squeaky refrain.

I have but once had an opportunity of seeing the Tropic Bird feeding at sea. Far out of sight of land, I saw a lone bird poise and then drop into the sea, followed by a geyer-like splash. It then flew off apparantly with its prize.

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AUXILIARY NOTES

On May the second, the Membership Committee held its monthly meeting and luncheon at the home of Mrs. Charles A. Soper. Mrs. Havens Brewster Bayles and Mrs. Albert F. Strasburger were the guests of the Committee. The new Chairman, Mrs. Floyd S. Nealy, was formally installed by the outgoing Chairman, Mrs. William Whittaker. Mrs. Henry S. Chapin was elected to succeed Mrs. Frederick J. Austin, as Secretary. The Membership Committee is happy to announce many new members that have come into the Auxiliary during the spring and summer months. Among them are two Sustaining Members, Mrs. Manual Katz and Miss Maud Adams. We are proud indeed to have Miss Adams' name on our list of Auxiliary members, which represents the close friends of the Children's Museum. Miss Adams is enshrined in the hearts of the children of this generation. As a friend and supporter of their own Museum, she establishes a new tie, intimate and personal and makes a renewed claim upon their grateful affection.

The Membership Committee was delightfully entertained by its former Chairman, Mrs. Richard M. Chapman, on June the sixth at her home in Baldwin Harbor. The Committee is happy to welcome Mrs. Chapman back after her two years' presidency of the City Federation of Women's Clubs, and appreciates her loyalty to its work.

The Americanization Committee met in the Museum, on Thursday, May the tenth. Mrs. John Hills, First Vice-President of the Auxiliary and Mrs. Floyd S. Nealy, Chairman of the Membership Committee were guests of honor. Mrs. Hills spoke of the interest and enthusiasm of the Board for the work of the Committee. The annual election of officers was the chief item of business. Mrs. Charles A. Decker, Chairman of the Nominating Committee submitted the names of Mrs. Delmer Martin for Chairman and Mrs. Charles M. Stebbins for Secretary. Mrs. William W. Fisher, the outgoing Chairman has held this office since the beginning, and the success and policies of the Committee are a tribute to her vision, steadiness of purpose, and understanding. The work has grown under her leadership into what amounts to a department of extension of the Children's Museum. There were many expressions of loyalty and appreciation for the work and for Mrs. Fisher, its originator and founder. Miss Gallup spoke with enthusiasm of the courage and foresight that had overcome the initial obstacles and brought success to this project. The new Chairman, Mrs. Delmer Martin, was heartily welcomed to her office,

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and the members promised their cordial support. Luncheon was served in the Woodcraft Room.

The Bird and Tree Class organized under the Americanization Committee, with Mrs. Henry J. Frye, the "Bird Lady" as leader, began weekly Tree and Bird walks in April and ended them in June. The class consisted of twelve members of the Auxiliary, all enthusiastic nature lovers, who found keen delight in this first hand experience of what Children's Museum Field Trips are like. Prospect Park will have a new significance for these students, now they have become familiar with its hidden wonders of bird life, and its infinite variety of trees and shrubs, revealed by systematic study. The Bird Room of the Children's Museum was used intensively by members of this class. Here they prepared themselves with careful study of the collection, where the specimens stayed quietly on their perches, and their markings could be noted with a view to future recognition, when the eye must catch them in the field.

Through the Long Island Federation of Women's Clubs and its past President, Mrs. R. Edson Doolittle, much interest has been aroused throughout the Island towns in the work of the Children's Museum. In the spring and early summer groups came from Riverhead, Port Washington, Rosedale, Queens, Calverton, Manhasset, and East Norwich. Children and grown ups spent the day visiting every nook and corner of the Museum. They played the Museum games, saw a "movie" in the Lecture Room, read books in the Library, and ate their luncheons in the Woodcraft Room. The Auxiliary takes great pride in carrying the message of the Children's Museum to distant places, and in bringing new groups of children into its hospitable atmosphere. The influence of even a day in the Museum never fails to quicken the desire of children to explore the wonders of nature.

SPRING BENEFIT FOR SUMMER FIELD TRIPS

The Porch Party and Cake Sale on May 24th at the home of Mrs. Albert F. Strasburger, under the joint auspices of the Membership Committee and the Americanization Committee yielded substantial returns for the Summer Field Trips. Many stay-at-home youngsters visited the woods and parks as a result of this benefit. The program included dancing by Miss Adele Strasburger, and a delightful talk by Mrs. John V. Hallock on the lure of the open road and "the long brown trail." Mrs. Hallock finished with a charming bird story.

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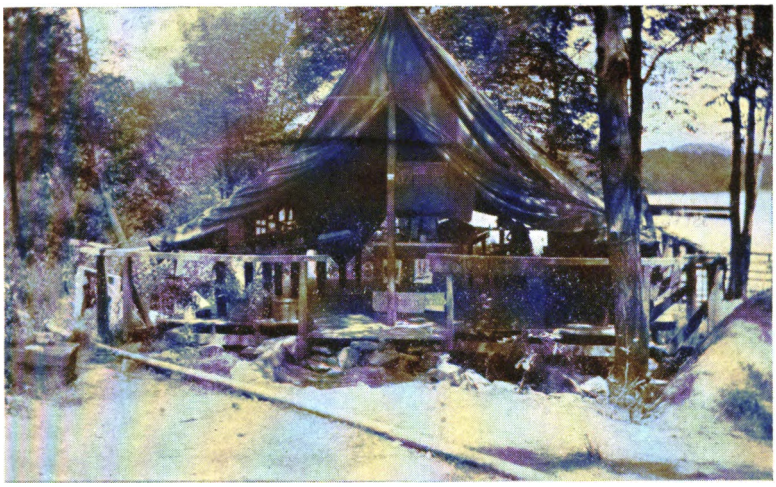
THE CHILDREN'S MUSEUM IN A GIRL SCOUT CAMP

"We camp to live with nature. If living is knowing, let us then while we camp learn to know the great out-of-doors." With this quotation Caroline Lewis begins her Manual for Girl Scouts. It might very well have been inscribed over the door of the little museum established on the bank of Lower Twin Lake in the Brooklyn Girl Scout Camp as a branch of the Children's Museum. The exhibits and books placed there by the Field Secretary carried a message of love and understanding of nature that goes out wherever the influence of the Children's Museum is felt.

Beginning on a small scale in 1922, this Camp Museum grew to larger proportions this summer. In the 14 x 16 foot wall tent close to



THE MUSEUM

the shore of the lake were arranged cases of birds and insects, a collection of rocks and minerals, a mushroom chart, pictures of animals, and an excellent assortment of nature books from the Children's Museum. To these were added live specimens of flowers, ferns, grasses, and twigs of trees found around the camp.

Outside the tent with the help of packing cases, wire netting, and paint was established the "Zoo." Periodically throughout the summer toads, frogs, salamanders, snakes, and turtles lived in pleasant captivity, after which they were given the freedom of the woods and lake.

Four hundred and seventy Brooklyn girls used the Camp Museum during two months, and Scouts of the neighboring camps of Bronx and Patterson brought their treasures for identification.

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As chance visitors to camp, let us make our way down the trail to the brown tent where we see the word "MUSEUM" painted in red letters on a piece of board. Inside we find one Scout labelling a collection of mushrooms; several others are busy around one big table identifying and mounting the ferns, flowers, leaves, and grasses brought in that day; while another group has improvised a second table out of a board found on the ground outside. Perched on a large rock nearby, four girls are taking a nature test. Tucked away in a corner on the floor with her feet hanging out of the tent, sits a very small Scout deep in the pages of Nature Myths and Stories of the Constellations. A legend told by the Nature Councillor to a group of Scouts lying on the dock observing the stars last night, or to students on the trail this morning has touched her imagination and stirred her interest.

We hear from every direction, "Where is Miss Keir?" "I want to know where to find the name of this fern!" "Who has those field glasses?" "Who brought in that toad?" "Its a Fowler!" "Quick! get that net!" "I've got a snake! One more point for my Museum initial!"

We hear also the stories of those early morning bird walks. The thrill when it is your "tent" whose turn it is to rise at crack of dawn, dress without a sound, and steal with Miss Keir through the shadowy woods to the clearing where the ferns and grasses are glistening with dew! To watch the Maryland yellowthroats and the red-winged black birds at morning housekeeping just as the sun comes over the trees! Here, every Girl Scout can see the birds at home and observe them on the wing before she takes a test on birds.

Beside bird study there are all day and overnight hikes and evening camp fires. What a chance to gather the twenty-five leaves or fifty flowers required for a Merit Badge! Yes, as one Scout exclaims, "Isn't nature interesting?"

We leave the scene convinced that the camp museum is an effective means of teaching our children how to enjoy and use museums, and that every girl will return eagerly to our city treasure houses. We are glad our own Children's Museum has furnished the material to make this little branch such an inspiration and help to the Girl Scouts of the Twin Lake Camps.

WOODCRAFT

Among the songs which will be heard around the Council fires of Woodcrafters throughout the country this winter are two new ones receiving first and second prizes in the National Woodcraft Song Contest. Both were written by members of the Woodcraft Tribes of the Children's Museum. First honor was given for a nature song "Ah, Yi, Ya-Ho-Ho" with Indian melody, words and music written by Miss Grace Keir, Assistant Guide of the Inawendewins, and second honor for a song of the seasons, "Do you Know the Woods" words by Mrs. H. M. Jefferson of the Aiyahyde Tribe.

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LIBRARY NOTES

Service to Girl Scouts has become an important phase of our work, and has been greatly emphasized during recent months. Large numbers of Scouts connected with various troops in Brooklyn and Jersey City have been assisted in preparing for tests about such topics as trees, flowers, animals, birds, the use of the compass, and the history of the American Flag. In some cases, Captains accompanying members of their troops have been assisted in awakening the girls' interest in the World of Nature.

On several occasions, the Scout Commissioners introduced groups of Captains and Lieutenants, and called their attention to the facilities offered for study here. Two Camp Councillors, about to take charge of nature work in Summer Camps in New Jersey, on several occasions obtained practical help about methods of identifying birds and trees. In like manner, Nature Councillors connected with camps in Maine and New Hampshire, and also the Director of "Camp Songo," Maine, were given suggestions regarding useful books and pistures for their summer work.

A selection of thirty-one books was lent for the summer months to the Brooklyn Girl Scout Camp, Central Valley, New York, by request of Miss Grace Keir, the Nature Councillor. The books were desired especially to help the girls to become acquainted with the trees, ferns, flowers, minerals, birds, and butterflies which could be seen while at camp, and also to aid them in recognizing the constellations. Several volumes of Ernest Thompson Seton's Stories, Nature Myths, and Indian Legends, were included in the collection. Miss Keir wrote enthusiastically about the pleasure and help which the girls derived from our books. She stated that she had tried several times to get a satisfactory picture of her young readers, but the light in the tent was inadequate for photographic work.

The Library contains many books about Volcanoes and the results of volcanic action. Among them are the following:

Anderson, T.	Volcanic studies in many lands
Bonney, T. G.	Volcanoes, their structure and significance
Dana, J. D.	Characteristics of volcanoes
Heilprin, A.	Earth and its story
Houston, E. J.	Wonder book of volcanoes
Judd, J. W.	Volcanoes, what they are and what they teach
Russell, I. C.	Volcanoes of North America
Mau, A.	Pompeii, its life and art
Monnier, M.	Wonders of Pompeii
Kennan, G.	Tragedy of Pelee
Royce, F.	Burning of St. Pierre

Books about New York City and Hudson River,

Gratacap, L. P.	Geology of the City of New York
Reeds, C. A.	Geology of New York City and vicinity. (In Natural History, vol. 22, 1922)
Bacon, E. M.	Hudson River, from ocean to source
Mack, A. C.	Palisades of the Hudson
Perkins, G. W.	Palisades Interstate Park. (In American Museum Journal, vol. 16, 1916)
Whitbeck, R. H.	Geographic influences in the development of New York State. (In Journal of Geography, vol. 9, 1911)

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LECTURES

Grades 7A or 7B: **Volcanoes** Tuesdays, 4:00 P. M.

November 6 Special Lecture (*See below*)
13 The Origin and Characteristics of Volcanoes
20 Volcanoes of the Western Hemisphere
27 Volcanoes of the Eastern Hemisphere **D. F. Goerz**

Grades 5A or 5B: **History** Wednesdays, 4:00 P. M.

November 7 English Colonization (Jamestown and Plymouth)
14 New Amsterdam
21 The Revolution (Part I)
28 The Revolution (Part II) **D. F. Goerz**

Grades 8A and 8B: **Physics - Light** Thursdays, 4:00 P. M.

November 1 Sources of Light
8 What is Color?
15 The Transmission of Light
22 The Direction of Light
29 Special Lecture (*See below*) **D. F. Goerz**

Grades 6A or 6B: **Motion Pictures** Fridays, 4:00 P. M.

November 2 How Life Begins (Part II)
9 The Why of a Volcano
16 Hawaiian Islands Kilauea Volcano
23 Home Life in Japan
30 Paul Revere **D. F. Goerz**

Primary Grades: **Nature Study** Saturdays, 10:30 A. M.

November 3 The Birds' Trip South
10 Birds Who Like Cold Weather
17 Animals in Winter
24 The Evergreen Trees **D. F. Goerz**

Primary Grades: **Travel** Saturdays, 2:30 P. M.

November 3 Sweden
10 Holland
17 France
24 Belgium **D. F. Goerz**

For All Grades: **Special Lectures** 10:30 A. M. and 2:30 P. M.

November 6 When Old New York Was Young **D. F. Goerz**
November 29 The First Thanksgiving Feast **A. B. Gallup**

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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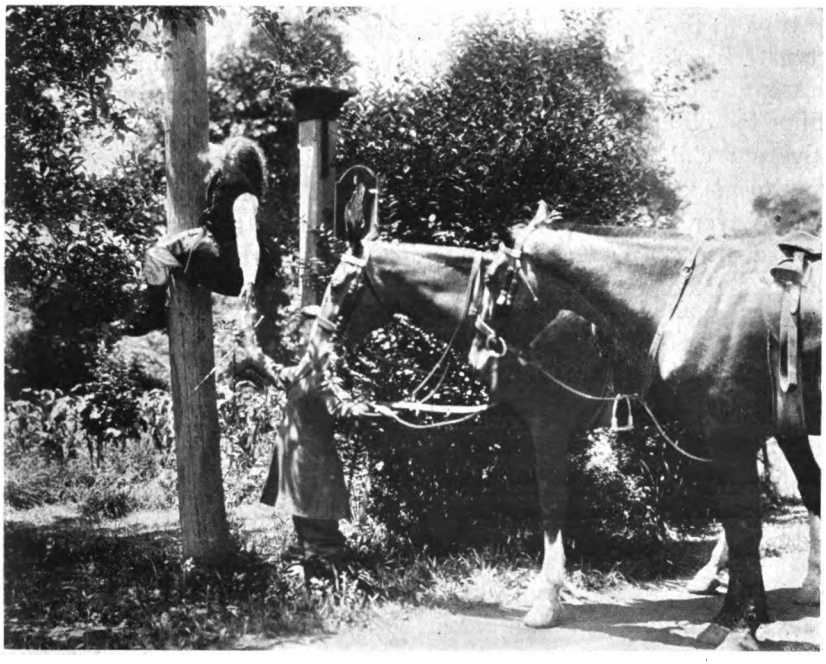
Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M

VOL. XI. BROOKLYN, N. Y., DECEMBER 1923—JANUARY 1924 NOS. 3-4



ACTIAS LUNAS – TROPHIES OF A MORNING HUNT ON A TELEGRAPH POLE

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RESULTS

One of the outstanding results of the Summer Field Trips described in the last issue of the News was a labeled display of all the findings of the season. To list these objects with their hand printed labels would convince any cataloguer of the intensive method adopted by the little nature seekers who brought them together.

Pressed leaves, weeds, ferns, mosses, and wild flowers; fruits and seeds, insect galls, toadstools and mushrooms, objects from the seashore, mineral and insect collections filled a large case in the main corridor for many weeks. One precious silk cocoon of a cecropia moth was displayed by Keith Manville only after much persuasion on the part of the Museum and a solemn promise that it would be returned. Even then Keith demurred because he and the family had sat up until "two o'clock in the morning to see the caterpillar spin it."

Contrasting with the results of the children who could enjoy only day trips to the country, was a far more elaborate collection made by a fortunate Brooklyn girl, Carolyn Widman, whose long summer vacations are spent at her country home in Greenwich, Connecticut, where every facility for observing and collecting is given her. Knowing how appreciative our children had become through their own work, Carolyn was happy to place in the Museum her collection upon which she had been occupied ever since she was nine years old, in all, three years. For her it was a pleasure and an inspiration to see the results of these labors brought together and displayed in a Museum. For our children it was a revealing experience to pore over the five hundred labeled specimens of insects that had been collected, mounted, and preserved by one girl their own age, who has proved by tangible results her ability to make good use of exceptional opportunities.

Her collection is representative of many different families of the insect world. Only an experienced collector, perhaps, would realize the wealth of varied experiences that went into the collecting.

There are beetles of many species—metallic beetles, others taken from dead tree stumps, from feeding on wild flowers, and from crawling on the ground. Dragon flies, damsel flies, and dobson larvae are the results of hours of watching along the margins of ponds and brooks. Ichneumon flies with long threadlike ovipositors show Carolyn's close scrutiny of the tree trunks into which they drill before depositing their eggs. Grasshoppers, katydids, cicadas and locusts, and brightly colored butterflies and moths tell the story of early trips in the spring, hot days in summer, belated autumn rambles, night expeditions, and many early morning observations.

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Several cases of night flying moths were obtained by means of the sugaring mixture used at night. Cheap sugar, stale beer, and a little rum mixed together and daubed on hickory, beech, walnut, or ash trees at night with a whitewash brush make an irrestible attraction for these handsomely colored species.

The *Actias lunas,* those pale green moths which are not very common in Brooklyn, were abundant enough in Greenwich for people who knew where to look for them. Carolyn noticed them during her morning horseback rides resting quietly on telegraph poles. At an early hour before the birds came around, she would take them uninjured, but after a bird's breakfast only fragments of broken wings and legs on the ground below remained to tell the tale.

Carolyn often raised hungry caterpillars feeding on fresh leaves of shrubs or trees, by tying a mosquito netting bag around the twig in such a way as to prevent the larvae from escaping. When the leaves had all been eaten, she would remove the caterpillars to another twig affording abundant food and repeat this operation until full fed and full grown they would enter the chrysalis stage. After that, the chrysalides could be taken home and watched until the moths or butterflies came out. In that way many of the most perfect specimens of the collection were obtained.

The most important of all of her specimens however is her precious *Erebus odora*—a great, dark moth common in Tropical America, in southern Florida, and the warmer portions of the Gulf States, but in the northern United States only an occasional straggler. It was taken at Greenwich, Connecticut.

Two spreading boards carrying a number of moths illustrate the method of spreading the wings and placing the antennae. These are a part of the exhibit which is set up in sixteen different cases.

The labeling alone of this collection was a task of several weeks which proved a willingness to add painstaking study to the joy of out of door collecting. Through her hobby Carolyn has found that insects are good botany teachers. By learning their food plants she has been led to collect, press, and label hundreds of species of wild flowers. These all are of exceptionally fine quality.

A study of this collection is an encouragement to any beginner. It reveals the charm of an innocent hobby and the value of training the mind, the eye, and the hand to preserve and use the beauty all about us.

A. B. G.

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AT THE TRI-STATE JAMBOREE

Through Harry Galland, one of our Children's Museum members and now a Boy Scout, Troop 711, a specially designed exhibit of minerals was sent to the "Tri-State Jamboree" held at Binghamton, New York, on May 4, 5, and 6, 1923. At this gathering there were 7,000 Boy Scouts from the States of New York, New Jersey, and Pennsylvania. Each troop displayed exhibits illustrating scout craft or some subject for which a merit badge is given. Galland knowing the resources of our mineral department, spent an afternoon choosing specimens that he thought would be useful. Among them were a piece of limestone from Greenland, lava from Vesuvius, fossil wood from Arizona, and marble from the Roman Forum.

From Scout Headquarters and from Galland satisfying reports of the value of the exhibit and the enthusiasm with which it was used have been received. A large number of Scouts began lessons in mineralogy as a direct result of this collection which Galland had labeled so carefully. More advanced Scouts used it to help them put the finishing touches on their qualifications for merit badges in mining. Scout Headquarters pronounces it the best troop exhibit of the whole "Jamboree."

TROOP 711 BROOKLYN, NEW YORK WITH AN EXHIBIT OF MINERALS LOANED BY THE CHILDREN'S MUSEUM AND DISPLAYED AT THE "TRI-STATE JAMBOREE," BINGHAMTON, NEW YORK, MAY 4, 5, AND 6, 1923.

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A CLASS IN MODELING

An experiment of three weeks' duration under the direction of Miss Dorothy Denslow, a member of the Art Students League, enabled the children to have a very happy time in the Museum; Miss Denslow to put into effect some of her cherished theories in education, and the Museum to witness convincing results.

Miss Denslow believes the teacher of modeling should discover ideas in a pupil's mind and enable them to unfold into expression. To that end she welcomes any signs of a dominant interest in the mind of a pupil and encourages him to express it in clay. However crude the first attempts may be, they serve as a more preferable basis for criticism than the reproductions of stereotyped forms and models which are so often employed as vehicles for technique.

In the Museum each pupil chose from the collections something he wished to model. If the first criticisms of his work showed him wherein his technique was lacking, he set about overcoming the deficiency, not as a meaningless, imposed task but as an effective method of expressing through clay the longing within.

There is in the Museum, at present a varied collection of birds and animals in clay,—copies of specimens in our exhibition cases. There is also a head of George Washington made by a student who aspired to "specialize on the Presidents."

Some of the mothers were so pleased with their children's results they decided, after Miss Denslow left the Museum, to have them continue the work with her by means of private lessons.

During the three weeks, the Busy Bee Room was crowded with children engaged in modeling. They came eagerly and early each day often before the Museum opened in the morning and were reluctant to leave at five o'clock when the Museum closed.

When the larger spaces of the Smith Mansion become available for new activities, modeling in clay will be one of the most popular.

Miss Dorothy F. Goerz came to us in September to take up the lecture work. Having specialized in physics she is able to be of substantial help to any young people interested in that subject. During holiday week, word came from a much elated member of one of the neighboring public schools that a very hard test in physics had lately "flunked half the class." Fortunately the half that passed consisted of Children's Museum boys who had attended the physics lessons at the Museum for weeks. One of these boys received a grade of 100 per cent, and another of 92 per cent. The latter is in the class on trial and is counting on his good mark in physics to bring up his general average to the standard that will enable him to continue in the grade.

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THE MUSEUM STORY TOLD BY RADIO

A series of three nature talks, one to mothers and the others to children was broadcasted by the Curator from Station W.E.A.F. early in the summer. The Children's Museum was the central idea for each talk. Around and through this main idea were woven facts of nature study with their convincing appeal. Echoes from this short series have come to the Museum from many parts of Brooklyn, from New Jersey, Pennsylvania, and Maryland. Among these have been letters from mothers asking for pamphlets and other helps in teaching nature study to their children. A continued series of such Radio talks could well be devoted to the general subject of nature for children as presented by the Museum. These, we are assured, are wanted by the broadcasting station. Fortunately the work is being continued by members of the Speaker's Bureau of the Woman's Auxiliary and large audiences in remote parts of the country are being reached.

LOAN CASES OF BIRDS

There has been a great demand for our loan cases of birds this fall and winter, and our young visitors are using them for intensive study as never before. Mr. W. K. Whitford, Assistant Deputy Commissioner of the Boy Scouts, Manhattan reports that every one of the thirty-five boys in his troop knows perfectly the nineteen birds taken from the Museum a month ago. Mrs. L. J. Franke of Glen Head, New York is doing equally good work with the Boy Scouts of Glen Head—using a new set of loans which she calls for every week. Her appreciation of the loans was expressed in a recent letter thus—"You have no idea how much the Scout Master, the boys and I appreciate the use of the Museum birds. I am hoping to add to my own collection from time to time and it is my ambition to start a Natural History Museum for children on my place here. When I finish my talks I am going to take the Scouts to the Children's Museum."

The day after Christmas a youngster from Public School 164 introduced himself to the Curator with these words—"I came here two years ago with my teacher and I loved it, so (pointing to his friends) I brought these two with me." A piece of flexible sandstone, Itacolumite, which he had seen in the Mineral Room two years before stood out in his memory. We were able to produce a duplicate specimen from the store room which he handled with great pleasure, after which he guided his friends all over the Museum. The three left that day determined to return with the whole class for an all day's visit if the teacher approves the plan.

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AUXILIARY NOTES

On October 5 the Executive Board of the Long Island Council of Women's Clubs, of which Mrs. Glen C. Pettit is president met for luncheon at the Museum. The club women of Brooklyn and Long Island were delighted with a talk given by Miss Grace Corning Cotton, Field Secretary of the Woman's Auxiliary, about her work in helping such organizations as Girl Scouts, Boy Scouts, and Woodcraft Members to an increasing use of the Museum. The meeting concluded with a tour of the Museum.

The first of the meetings of the standing committees was that of the Membership Committee on October 10 at the home of Mrs. Floyd S. Neely, Chairman. Mrs. Frederick J. Austin, Membership Secretary, reported the membership of the Auxiliary as 1167.

The business meeting of the Bridge Committee headed by Mrs. William W. Fisher, took place on Wednesday morning, October 17 at the Museum. This was followed by a luncheon.

On October 19 occurred the regular monthly meeting of the Executive Board of the Woman's Auxiliary. It was the first meeting of the new season and the members were most keenly interested in all the reports of the summer's work. The particular feature of the day was a visit to the recently acquired Smith Property. The members were pleased with its commodious rooms and most enthusiastic about its possibilities as an Annex for the much needed expansion in the fast-growing work of the Children's Museum. The summer work done by the Girl Scouts in camp was on view in the Woodcraft Room.

The first meeting of the Americanization Committee was held on October 23. An important event of interest was the election of Miss Jane Moore as Secretary to the Committee. Much enthusiasm was manifested over the report of the Field Secretary, of her summer work done at the Girl Scout Camp at Central Valley.

At a meeting for co-operation under the auspices of the City Federation of Women's Clubs held on October 19 at the Hotel Astor, Miss Cotton spoke on her work. Miss Susie Harkins, Chairman of the Committee on Playground and Child Welfare, and Mrs. Frank K. Perkins of the Committee then arranged for an exhibit of the summer work of the Girl Scouts done under the auspices of the Children's Museum at the Girl Scout Camp at Central Valley. This exhibit which included also some cases of the Children's Museum Loan Collection—Franklin W. Hooper Memorial was held at Hotel Astor on October 26 at a meeting of the City Federation of Women's Clubs. It attracted widespread and favorable attention.

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A conference of all committees, officers, and board members took place in the Museum on November 27 under the auspices of the Americanization Committee. This council of the Auxiliary is a new departure, planned with the hope and intention of bringing all who are working for the Children's Museum into closer touch and understanding. The various committees, each doing a specific work for the upbuilding of the Museum, should gain strength and inspiration through this touch with other branches of the many-sided activities of the Auxiliary.

Mrs. Delmer Martin, the new Chairman of the Americanization Committee, welcomed the members of the council and defined its purposes of mutual helpfulness. Miss Jane Moore, the Secretary, read the minutes of the previous meeting of the Committee. Mrs. William W. Fisher, the former Chairman, made an eloquent plea, dwelling on the far-reaching significance of the work. The real hope of the world lies in the education of youth. "I have a dream of what the women of Brooklyn could do for the children. I think of restless women earnestly seeking an outlet for their abundant energies, yearning for a solution of life's problem, turning their eyes far afield," said Mrs. Fisher, "little realizing that the Holy Grail lies at their very door, in what they can do for the children of Brooklyn."

Mrs. Neely, Chairman of the Membership Committee made a plea for new members. "The foundation of the work of the Auxiliary must always be in its large and increasing membership. We need a thousand new members before April," said Mrs. Neely. "The future development and continued usefulness of the Auxiliary depend upon a membership that means an assured income for the educational enterprises of the Auxiliary."

The Speaker's Bureau, Mrs. Havens Brewster Bayles, Chairman reported many addresses made by the members and mentioned interesting future engagements. The Speaker's Bureau has rendered much unselfish service in taking the news of the Museum to schools, churches, clubs, and settlements and has loyally supported every enterprise of the Auxiliary.

Miss Cotton's report was received with much enthusiasm. The work with the schools, for Scouts, and for the nature program of the Woodcraft League have combined to bring additional numbers of children clamoring for the service of the Museum. The demand for lectures has taxed the facilities of the Lecture Room and the Museum Lecturer to the utmost limit. Even as the members listened to the report, the clatter of small feet on the stairs and eager voices of jostling children could be heard filling the corridors with busy clamor. We could seem

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to hear through this happy din, the cry of the children for more space, a larger Lecture Room, and more trained guidance along the road that leads to knowledge.

The council closed with the acceptance of the invitation given by the Membership Committee to meet under its auspices on January 9 in the Museum. The concensus of opinion when the meeting adjourned was that a new impetus and a deeper understanding of the Children's Museum had been achieved.

The regular meeting of the Membership Committee took place in the Woodcraft Room of the Museum on Wednesday, November 7. Mrs. Austin, the Membership Secretary, reported 59 new members since May. Mrs. John M. Moody is a new sustaining member.

The Officers and Executive Board held their regular monthly meeting on November 9 at the Museum, with an attendance of fifteen members. Reports of officers and committees showed much activity in every department of the Auxiliary. Miss Gallup gave a full account showing how the work of the Auxiliary is increasing the service of the Museum to children in all parts of the Borough.

The Annual Card Party, including Bridge and Mah Jong, given for the benefit of the Museum and under the auspices of the Membership Committee and the Americanization Committee took place at the Pouch Gallery on November 16. More than 100 tables were playing. The candy table under Mrs. Snyder's direction was very popular and added $116. to the profits of the day. The total receipts of $701.92 announced by the Treasurer, Mrs. Frederick J. Austin, are gratifying and rewarding to the members of the various committees who worked very hard to make this party a success socially and financially.

INTERESTING VISITORS

Under the guidance of Mrs. T. Mortimer Lloyd, Mr. Frank Ferguson, lecturer and playright, Miss Ella Ruth Boyce, Mrs. Roselle Mercier Montgomery, the well known poetess, and Mrs. David Kirk of Pittsburgh came to the Museum on November 19. The powerful appeal of the Museum exhibits, their value in inspiring and educating children, thrilled and delighted these guests during their hour in the Museum.

GIFTS

Gifts have been received from Mrs. Martin Joost, Mrs. Susie Cruikshank Snyder, Mrs. A. Augustus Healy, Mr. Robert Burns, Mrs. Don C. Seitz, the Membership Committee, and the Americanization Committee.

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SCOUTS AND WOODCRAFT

A group of 50 jolly Girl Scouts gathered at the Museum on Saturday, October 27 for their first Camp Museum reunion. After games in the Bird and Mineral Rooms refreshments were served in the Woodcraft Room. All the girls present were winners of the Museum initial awarded by the Children's Museum for the best nature work done at camp last summer. At the request of the Scouts plans were set in motion for a Girl Scout Museum Club which shall be open to the Scouts wearing the Museum insignia and which will hold its meetings at the Museum.

At the invitation of the Children's Museum the Brooklyn Girl Scout Captains Association held its first fall meeting at the Museum on October 2. Mrs. Maude Canfield, Commissioner for Brooklyn and fifty captains were present. Miss Cotton demonstrated the making of smoke prints.

Last year was a record year in nature tests. Our records show that 1700 tests were given to Brooklyn Girl Scouts during the year.

During the months January—May 1923, the Field Secretary visited 33 groups representing the Girl Scouts, Woodcrafters, and other organizations at their own meeting places, covering a total audience of 1066. Talks were given to each group on, "How to Get Acquainted with the out-of-doors."

On November 20 two representative Girl Scout Captains in training came with Miss Ella Becker, one of the educational secretaries of the National Girl Scouts to study at the Museum. Miss Cotton gave them a talk on Nature Lore in the second class program for Girl Scouts.

Last spring a Children's Museum banner was awarded to the Girl Scout Troop making the best collection of winter buds. Next May a banner will be awarded for the best Troop Museum. These Troop Museums are to contain interesting things which may be found on hikes and collected without injuring the face of nature. Already reports are coming from Troops in different parts of the city that these little Museums are on the way.

The three tribes of the Children's Museum were represented in leading parts in the Indian Pageant given at Town Hall on Saturday evening, November 10 presented by Mr. Ernest Thompson Seton and the Woodcraft League. To Mr. Stryker went the honor of lighting the fire in the way of the Red Man with rubbing sticks. Others took part in the Caribou Dance and the challenges.

This winter, through the generosity of the Woman's Auxiliary the Children's Museum will be open each Friday evening from 7:30 to 9:30 to Scouts and Woodcrafters.

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LIBRARY NOTES

The Library School of the New York Public Library, several years ago, adopted the custom of making a series of annual visits to libraries in the vicinity of New York City and of selecting the Children's Museum for the first visit at the beginning of the school year. The date selected for this season was the afternoon of September 24. The class was escorted by Miss Edith V. Tiemann, Registrar, and Miss Polly Fenton, instructor of cataloguing in the school.

The Librarian gave a talk to the class about the various activities of the Children's Museum. This was followed by an inspection of the exhibition rooms, and the serving of tea in the Woodcraft Room. Among the thirty students, were welcomed with much pleasure Miss Juana Manrigue de Lara, Librarian of the first Children's Library in Mexico City.

We were honored by another Library School, the Pratt Institute School of Library Science, on their annual visit during the month of May. These students were accompanied by Miss Josephine A. Rathbone, Vice-Director, and Miss Edith P. Bucknam, Instructor, the latter making her first official visit to the Children's Museum at this time.

It was a pleasure to receive also a group of library students, members of the Training Classes of the Brooklyn Public Library. These students are accustomed to visiting the Children's Museum in the early part of their course. Accordingly on the afternoon of November 21, twelve members of the Training Classes were accompanied by Miss Clara W. Hunt, Supervisor of Work with Children.

By request of the Preceptor of the Library School of the University of Wisconsin, thirty-eight copies of the Children's Museum News were sent to her school, in order that each student might have a copy. In acknowledging the receipt of this package of papers, the Preceptor writes as follows: "We are delighted to have this material to give to our students to file with their notes, and assure you that every copy will be used to excellent advantage.

With grateful appreciation of your co-operation, and all good wishes for the continued success of your splendid work, believe me,

Very truly yours,
(Signed) Mary Emogene Hazeltine."

A gift has been received, from Mr. Charles Lathrop Pack, the author of two attractive volumes, "Trees as Good Citizens," and the "School Book of Forestry." The former provides concise information about the planting of trees in different localities, and is illustrated by photographs which give unusual sharpness and detail in outline.

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LECTURES

Grades 7A or 7B: **Domestic Science** Tuesdays, 4:00 P. M.

January 8 The Water Supply of New York City
15 The Story of Rice and Sugar
22 Milk from Dairy to Farm
29 Animal Production for City People **D. F. Goerz**

Grades 5A or 5B: **American History** Wednesdays, 4:00 P. M.

January 9 Growth and Progress of the United States of America
16 The War with Our Mexican Neighbors
23 The Civil War (Part I)
30 The Civil War (Part II) **D. F. Goerz**

Grades 8A and 8B: **Physics** Thursdays, 4:00 P. M.

January 3 The Single Cell
10 Chemical Actions in a Cell
17 Different Kinds of Cells and Their Uses
24 The Galvanometer
31 Induction **D. F. Goerz**

Grades 6A or 6B: **Motion Pictures** Fridays, 4:00 P. M.

January 4 Making Shoes (Part I)
11 Making Shoes (Part II)
18 The Salmon Industry
25 No Lecture **D. F. Goerz**

For All Grades: **Foreign Travel** Saturdays, 10:30 A. M.

January 5 A Mediterranean Cruise
12 The Egypt of Yesterday and Today
19 A Visit to the African Jungle
26 A Trip to Japan **D. F. Goerz**

Primary Grades: Saturdays, 2:30 P. M.

January 5 The Footwear of Foreign Children
12 Bird Life of the Polar Regions
19 Plant Life of the Zones
26 The Silk Industry **D. F. Goerz**

Motion pictures are subject to change without notice

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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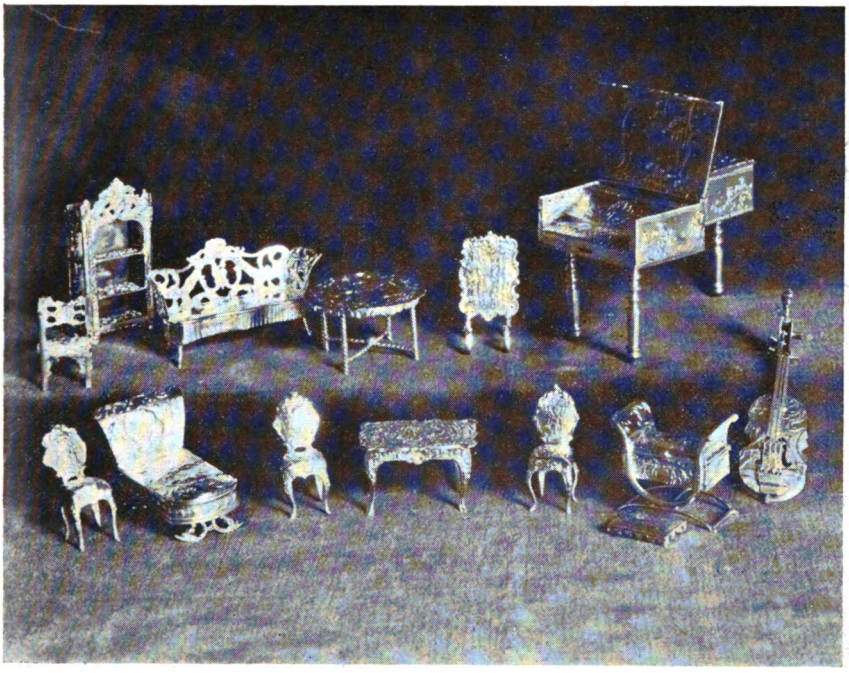
Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M

Vol. xi. BROOKLYN, N. Y., FEBRUARY—MARCH 1924 Nos. 5-6



SILVER TOYS—French Repousse

Collected by Mr. Richard H. Hamilton

Presented to the Children's Museum by Mr. Julius Wodiska of New York

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SILVER TOYS

By no means least among the many acceptable surprises given our children by Mr. Julius Wodiska of New York, is a collection of seventy silver toys. Among them are chairs, tables, lounges, a settee, a sideboard, a writing desk, a dresser with mirror, an umbrella stand with umbrella and cane; a rack with shovel, poker, and tongs; a bird cage, china closet, a piano, a violin, a cradle, a Sedan chair, a screen, a bookcase, and two trays with teapot, coffee pot, cream pitcher, sugar bowl, and cups and saucers.

Many of the chairs are wrought in delicate Italian filigree, for which Genoa and Venice are famous, some of them being decorated with fringe made of delicate silver filaments. The other pieces are in French repousse, ornamented with chased designs.

The assembling of this collection was the pastime of Mr. Richard H. Hamilton, familiarly know to his generation as "Tody" Hamilton and said to have been the foremost press agent of his day in America and Europe. It was while traveling in Europe as the celebrated press agent for Barnum and Bailey's Circus that Mr. Hamilton discovered and acquired these interesting pieces of silver. Mr. Wodiska purchased them from Mr. Hamilton's widow and presented them to the Children's Museum.

Collections of this description are not very numerous in this country. In the Brooklyn Museum there is a very attractive one, lent by Miss Anstiss Howard, which bears a label containing information as follows:

For over two centuries silver toys have been made in Holland. Every family there of any importance has a collection which has come down from generation to generation. There was a loan exhibition of these toys in Amsterdam about fifty years ago and the cabinets containing them, taken with their contents from private houses in which they belonged, entirely filled a large, public hall. These toys numbered many thousands and were of every conceivable pattern and design.

Each piece was stamped with an official mark as evidence of its genuineness. The earliest Amsterdam mark was a crown with three crosses underneath. This was followed by the same mark with a letter at the bottom, and as all the letters of the alphabet were used, one for each year, this mark continued for twenty-six years. For the following twenty-six years the letters were on the left side. For the succeeding twenty-six years the letters were on the right side. After that, about 1800 A. D. and for sometime afterward the mark was three crosses in an oval shield.

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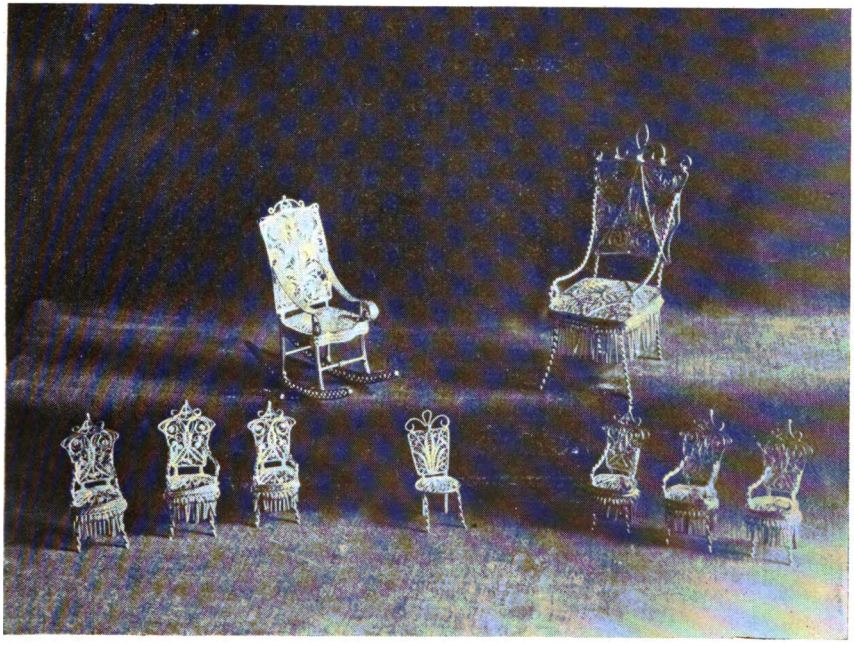
One famous toy maker, whose name is now unknown, employed a horn mark—a hunting horn in a heart shaped shield. Any piece bearing this mark has additional value on account of the excellent workmanship.

When Napoleon's brother was King of Holland, 1807, a tax was put on all silver, and as evidence that the tax was paid, pieces were stamped with what is known as the Napoleon mark—a circle under a crown. Any piece bearing this mark must have been in existence prior to the date mentioned.



SILVER TOYS — ITALIAN FILIGREE

Before any piece of silver can be offered as an antique at public sale in Holland, it must be sent to Goldsmith's Hall. If, on examination, it is found to be more than one hundred years old, it is stamped with a hatchet design. Any piece, therefore, bearing this mark was at least one hundred years old at the time it was stamped which may have been many years ago, as the custom is an old one.

A. B. G.

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MINERALOGY NOTES

Miss Edith Campbell began her work as docent in September 1923. She has made a special study of mineralogy and is giving the boys and girls a foundation in that subject which will be of enduring value. One of our boys, now a freshman at Princeton University, is still making good use of the mineralogy slips which he used for several years in the Museum. His ambition to become a mining engineer grew out of these early elementary studies of minerals in the Busy Bee Room with the trays of minerals, streak plates, and acid tests.

At the suggestion of his teacher, Herman Lass of 2084 Pacific Street paid his first visit to the Museum this autumn. Since then he has become familiar with about forty-five minerals and rocks and has developed an active interest in Geology. On his last visit of the year he brought with him two books which he had borrowed for one month from the Saratoga Branch of the Broc Public Library. These were Scott's Introduction to Geology, and Holtz's Nature Study. Congratulations are due the helpful teacher who directed her receptive pupil to the Museum with its carefully planned cot ses for beginners in the natural sciences.

One of the best autumn field trips occurred on November 3, when a group of beginners in mineralogy, armed with hammers, spent the day at Van Cortlandt Park. The first point of interest was an outcropping mass of granite which forms a high hill in the Park. On the way up the hill, the party examined great numbers of glacial boulders representing many kinds of rocks and minerals. Here the Glacier had deposited innumerable fragments of the rocks over which it had passed all the way from Labrador. After luncheon the party descended the hill and started across the valley toward another granite elevation. While halting at a refreshment stand, one of the members noticing that a football game was in progress in the Park, suggested that they stop a while and watch it. The idea met with vigorous protest from the others who set up a loud cry against any scheme to waste precious time set apart for a field trip. The day was all too short and the mineral seekers were loath to start homeward. Their knapsacks and pockets were loaded to the breaking point with feldspar, four varieties of quartz, muscovite, biotite, phlogopite, hematite, and serpentine. Rocks of granite, gneiss, schist, limestone, pegmatite, sandstone, and diabase had all been observed. The specimens brought home were carefully named, studied in the Museum with the help of our display specimens, magnifiers, and good books, and placed in a case set apart for objects taken by Museum members on field trips. One of the boys in this group said he would like to become a mining engineer, and the field instructor was glad the day's outing had filled his mind with this wholesome ambition.

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JAPANESE DRAWINGS IN COLOR ON EXHIBITION DURING FEBRUARY

A collection of drawings in color made by Japanese grammar school children, grades from one to eight inclusive, have delighted our visitors for a month. They were contributed by schools in Yokohama, Tokio, and other Japanese cities and villages and sent to the Junior Red Cross in this country. Many of the children who made them perished in the recent earthquake which devastated so large an area in Japan, and it was because of the substantial relief contributed to their survivors by the children of New York City, that the collection was assembled.

Through the kindness of Mrs. Susanne Q. Cumming, Secretary-Treasurer of the Junior Red Cross, and a member of the Executive Board of our Woman's Auxiliary, the Children's Museum was privileged to hold the first exhibition of these drawings in the Greater City.

As a whole, the collection shows a strong western influence on art as it is being taught in the p[illegible] schools of Japan today. At the same time there is evident freedom in the use of color, and an accurateness of draftsmanship which [illegible]mmanded the wholesome respect of our young visitors. Seldom have children in our exhibition rooms carried on more spirited discussions of any topic than have been the wide awake criticisms and comparisons of this Japanese work with their own accomplishments. These observations, wholesome and stimulating, have convinced our children that they need to look out for their laurels. The occasional drawings of purely Japanese conception and execution have not passed unnoticed nor unappreciated.

One public school in the neighborhood has sent classes from all grades to the Museum regularly for the past ten years for lectures on nature study, history, and geography. The children for the most part living nearby have become familiar with our exhibits and with the books in the library. To Miss Goerz, the new lecturer, these children exhibit a mental reaction in striking contrast to those of any other children she meets. Their persistent, systematic use of all Museum facilities has given them a far better grasp of the subjects presented, and has developed in them an alertness of attention and general interest that is truly impressive. Other schools in remote parts of the city will find the same results in the degree that they are able to overcome the barriers of time and space. The Museum places its wealth of educational material fully at the disposal of every principal and teacher and every child in Brooklyn.

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VISITS TO THE MUSEUM MADE EASY

The mild and open winter has been favorable to brisk museum attendance, permitting a steady procession of classes to our lecture room. In February this number rose to 6,600 the largest in the history of the Museum.

An increasing number of other classes coming solely to enjoy the exhibits, to play Museum games, and to read in the library shows growing appreciation of the place of the Children's Museum in American life. Teachers are reminded that an all-day visit to the Museum is an ideal experience for most children and that the Museum is making these visits much easier for the schools by providing a lunch room for the enjoyment of box luncheons and by serving hot cocoa when arrangements are made in advance.

We are glad to name among our visitors from a distance Miss Ruth Weirheiser of the Buffalo Society of Natural Sciences, Buffalo, New York; Mrs. Mary J. Littlefield of the Girl Scouts, Montclair, New Jersey; Professor Richard S. Lull, and Dr. Carl O. Dunbar of the Peabody Museum, Yale University; Mr. Allen Eaton of the Russell Sage Foundation, New York, and Acting Mayor Murray Hulbert.

Professor Lull and Dr. Dunbar came to study the Children's Museum. They are now making definite plans to establish a Children's Museum in the new building of the Peabody Museum now under construction.

Acting Mayor Hulbert inspected the Smith Mansion, which is now the property of the City of New York and soon to be put in condition for Children's Museum purposes, the Board of Estimate and Apportionment having recently appropriated the sum of Five Hundred Dollars ($500.) to be expended on plans and specifications for this purpose. We are assured by Park Commissioner O'Loughlin the work will go rapidly forward as soon as the architect is appointed.

A RADIO SET PRESENTED

The Museum now has a Radio, generously given by Mrs. Charles W. Elmer. This gift will enable our visitors to hear addresses of special interest and such programs of good music as are available during Museum hours. It is another one of the many features that give the Children's Museum a place in the life of the people by bringing them happy and refining impressions.

The current number of the School Arts Magazine Volume XXIII, No. 7, is a Museum number and devotes seven pages to an illustrated article about the Children's Museum by Caroline M. Worth.

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AUXILIARY NOTES

The second Council of all committees was held in the Museum on January 9, under the auspices of the Membership Committee.

Reports from the Americanization Committee through its Chairman, Mrs. Delmer Martin, and its Field Secretary, Miss Grace Corning Cotton, were received with appreciation. Miss Anna B. Gallup, Curator of the Museum, told of the growth and activity in every department of the Museum.

The Speaker's Bureau, Mrs. Havens Brewster Bayles, Chairman, reported that an audience of nearly four thousand had been reached in talks about the Museum during the month of December, given by Miss Mabel Colvin and Mrs. Bayles in public schools and by Miss Cotton at Patterson, New Jersey at a Scout Rally.

On Thursday A. M., December 13, news of the Children's Museum was broadcast from station WEAF to a radio audience by Mrs. Havens Brewster Bayles, Chairman of the Speaker's Bureau. Conditions were most favorable and her voice came through with delightful clearness. In response to her message, letters from various places have been sent in and a number of requests to repeat her talk have arrived; all of which bears evidence that Mrs. Bayles stirred much interest in the public mind and spread among people eager to hear it, the "Museum Idea."

On January 29, Mrs. T. Mortimer Lloyd of our Speaker's Bureau, gave a program of Nature Stories based on exhibits in the Children's Museum over the Radio from station WEAF. Miss Marjorie Horton Haskell, the "Bird Lady" sang songs to supplement the stories. In a fairy airship Mrs. Lloyd brought all the Radio children to the "Wonder House" our own Children's Museum, and told them stories of all the treasures to be found there.

This was the first of a series of Radio story hours for children to be given by Mrs. Lloyd on successive Friday afternoons from 5 to 5:30.

The Membership Committee reported the progress of the drive begun on January 3, and asked the members of the Council to help in the work for a larger Auxiliary.

Luncheon was served in the Woodcraft Room to forty-five ladies.

The Officers of the Executive Board were "At Home" in the Museum on Friday, January 25, to all members of the Auxiliary. Mrs. Charles M. Higgins was the hostess at the tea table, assisted by a group of charming young girls. The decorations, palms, and fresh flowers sent in by Mrs. Dean C. Osborne added beauty and color. There was incidental music. About two hundred guests came including many new friends.

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The Membership Committe launched an intensive drive for new members on January 3, with a luncheon at the Brooklyn Woman's Club. Forty women joined forces to do this work under the leadership of Mrs. Floyd S. Neely, Chairman of the Standing Committee. The members of this Committee act as captains of the teams.

The Membership Committee met on February 6, at the home of Mrs. Frederick J. Austin, Membership Secretary, for the regular monthly meeting and luncheon. The reports from the drive given by the various captains showed a gain of two hundred forty-three members for the month, making a total membership of fourteen hundred thirty-one. The Committee voted to continue this work with the aid of their teams until the annual meeting of the Auxiliary. Mrs. Howard DuBois was proposed and duly elected a member of the Membership Committee.

The course of lectures given on Tuesday mornings in January for the benefit of the Museum were successful from every viewpoint. The audiences were large and enthusiastic.

On January 8, Mr. Robert Haven Schauffler gave his lecture "Adventures with British Authors" at the home of Mrs. John Hills. He visited the Museum after the lecture and expressed his appreciation and delight at everything he saw. "What this would have meant to me when I was a boy," he said.

The second lecture was at the home of Mrs. T. Mortimer Lloyd on January 15. Edna St. Vincent Millay read her own poems with a charm peculiarly her own. The Auxiliary is very proud to have brought this poet of international reputation for her first hearing in Brooklyn.

At the home of Mrs. Walter Montfort Meserole, Major Vivian Gilbert gave the third lecture on January 27. His lecture, "Both Sides of the Footlights," was witty and charming, full of anecdotes of famous players and playwrights.

The Auxiliary acknowledges with appreciation the cooperation of all who helped to make these "Mornings" a pleasure and highly profitable to our work.

GIFTS

Gifts have been received from Mr. Frank L. Babbott, Miss Sarah K. Fellows—In memory of Mrs. Charles A. Preller, Mrs. Charles W. Elmer, Abraham and Straus, Mrs. J. I. Raynor.

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WOODGRAFT AND SCOUT NOTES

On Saturday evening, February 23, all Woodcrafters of Greater New York and the neighboring country were called to Council by the tom-tom of the Chief Ernest Thompson Seton, the Council Rock having been established at the Ethical Culture School in New York City.

The totems of all three Children's Museum Tribes appeared in the Council circle and places of honor were filled by members of each tribe. One of the Aiyahydes acted as Tally Keeper and two girls and boys from the Inawendewin and Mogewetu Tribes gave the laws.

BOY SCOUTS

The following notice has appeared in the weekly bulletin of the Brooklyn Council of Boy Scouts.

"First Class Nature Tests and Instruction will be given at the Children's Museum, Brooklyn Avenue and Park Place on the fourth, Saturday of each month from 10 A. M. until 5 P. M. and at no other time. Scouts from the entire borough are welcome and no appointment need be made. The course will include star study, animals and trees and will be under the direction of Miss Cotton." The Children's Museum is glad to extend to the boys the same help which for three years it has been able to give to the Girl Scouts, not only in conducting the tests but in helping them to make use of the very valuable Museum exhibits and library in preparation for these tests.

On two evenings in February, the lecture room was filled with Boy Scouts and arrangements are in progress to continue these evenings at the Museum for the boys. On February 8, one hundred boys came out to hear a most interesting and helpful talk about Snakes given by Mr. Leslie Kimball, Chief Scout Executive for Brooklyn.

GIRL SCOUTS

A small museum has been established at the new Brooklyn Girl Scout House where from time to time especially good specimens from the troop museums can be on exhibition for girls who are constantly coming to the House. There is on exhibition now in this little museum a collection of 123 different specimens of winter twigs contributed by Troop 55; a collection of butterflies and moths made by a member of the Adelphi Academy Girl Scout Troop, and a book containing 150 beautiful specimens of pressed flowers, made by one of the girls of Troop 58 during the past summer spent in Maine, and loaned by the Troop Museum.

The Children's Museum has been glad to lend the Scout House a Museum case.

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WOODCRAFT HIKE

Written by Tally Keeper Leo Yedlin

The 15th Sun of the Long Night moon found the Mogewetu Tribe far afield in the wilds of Staten Island, on a purely nature hike, and although the time was short, several new members were initiated into the ways of the great outdoors. Wild life was abundant and a number of plants and birds were observed.

A marsh hawk soared high above us. Song and tree sparrows were seen, flitting from tree to tree, chirping, perhaps, about the high cost of living during the winter months. High in the branches of a birch tree sat a blue bird which upon our approach disappeared with a flurry of blue wings. A sparrow hawk flew by and a slate colored junco crossed our path. The remains of a heron were discovered, a few distorted feathers being all that was left of the beautiful bird.

One of the objects of the hike was to observe at close range and if possible, obtain specimens of the post, blackjack, and scrub oaks. Accordingly, every eye was on the alert, and before long the post and blackjack oaks were discovered. A half mile further brought us to the scrub oak, hardly two feet high, yet bearing acorns. An immediate search was made for the fruit of this tree. It was near this place that we built a fire, cooked and ate supper, and discussed and displayed the finds of the day.

The following is a list of objects examined:

Pin Oak	Red Maple	Spider's Eggs
Black Oak	Scrub Oak	Tent Caterpillar
Sassafras	Sheep Laurel	Cecropia Cocoons
Grey Birch	Hair Cap Moss	Shale
Black Birch	Brake Fern	Flint Chips
White Oak	Dodder	Red Sandstone
Sour Gum	Poison Ivy	
Sweet Gum	Hairy Bush Clover	

The return trip was enlivened by the discovery of the jawbone of a muskrat and several flint chips, the stock of some arrowmaker.

In a short time we were headed for the Staten Island Museum where we heard an interesting lecture.

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LIBRARY NOTES

On two recent occasions, Mrs. Frances Valentine Hallock has given delightful Story Hours in the Library. During "Children's Book Week," the most convenient date proved to be the afternoon of November 12, Armistice Day, and a school holiday. One of the most effective stories was a Red Cross Story called "Mr. World's Party" written by a little girl eleven years old, named Yetta Klein, who lives on the East Side of New York City. The story was most appropriate to the day, for Yetta had caught the spirit of brotherhood to a remarkable degree, and it was highly appreciated by the audience of children who listened to Mrs. Hallock's skillful rendering.

During the Christmas holidays, the Library was fittingly decorated with Christmas greens and festoons of red cord, and also with pictures of Santa Claus, and of Christmas trees. A Christmas Bookshelf was prepared, which answered a large demand for Christmas stories, plays, and Christmas poems. Again, the interest culminated in a Story Hour on the afternoon of December 27. Mrs. Hallock stated at the outset that her first Christmas Story was intended for kindergarten children. Nevertheless, the audience of one hundred, ranging from young children to their parents, were equally thrilled by the naive story of Santa's devotion.

The Library has recently received a lithographed picture, framed in harmonious gray tints, depicting one of the great events in American History, "The Landing of The Pilgrims, December 21, 1620." This picture is reproduced from a striking painting by H. A. Ogden. The foreground represents a group of Pilgrims who have just landed, one of whom is kneeling upon the snow-covered earth. Other members of the party are just leaving the shallop, while the good ship "Mayflower" is seen in the distance.

The picture will doubtless be of great interest to the children who visit the Library. It was presented by Messrs. Chase and Sanborn of 200 High Street, Boston. The donors also sent some booklets, stating that they were prompted by a desire to do a little Americanization work in the way of reviewing those ideals and motives which were the very foundation stones of this great country of ours.

Mrs. Frank Vincent has presented to the Library, five books which were written by her husband, who was a noted traveler. These books are now out-of-print, but will be of value to boys and girls who are studying the groups in the Geography Room. Among them are "Norsk, Lapp and Finn," (dedicated to "Henry M. Stanley, the greatest of all African explorers"); "Through and Through the Tropics;" and "In and Out of Central America." Two books, "The Animal World," and "The Plant World" are full of interesting information and belong to the "Appleton's Home Reading Books" series.

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LECTURES

Grades 7A or 7B: **Domestic Science** — Tuesdays, 4:00 P. M.

March 4 Sources of Our Clothing
11 The Manufacture of Soap
18 Meat Packing Industry
25 New York City Water Supply — **D. F. Goerz**

Grades 5A or 5B: **Historical Stories** — Wednesdays, 4:00 P. M.

March 5 Evangeline
12 Miles Standish
19 The Lady of the Lake
26 Story of Our Flag — **D. F. Goerz**

Grades 8A and 8B: **Electricity** — Thursdays, 4:00 P. M.

March 6 Atmospheric Electricty
13 Telegraph
20 Telephone
27 The X-Ray — **D. F. Goerz**

Grades 6A or 6B: **Motion Pictures** — Fridays, 4:00 P. M.

March 7 Life in the Frozen North (3 reels)
14 The Polar Bear Hunt
21 Across the St. Gothard Alps (2 reels)
28 Hoo-ka-ping-war (Story of Eskimo Dog) **D. F. Goerz**

For All Grades: **The United States** — Saturdays, 10:30 A. M.

March 1 The New England States
8 The Great Lakes
15 The Mississippi Valley
22 "Dixie"
29 The Western States — **D. F. Goerz**

Primary Grades: **Nature Lore** — Saturdays, 2:30 P. M

March 1 Easy ways to Learn the Trees
8 Trees: How Paper is Made
15 What Trees Do for Man
22 The Awakening of Spring
29 Flowers of the Woodlands — **D. F. Goerz**

Motion pictures are subject to change without notice

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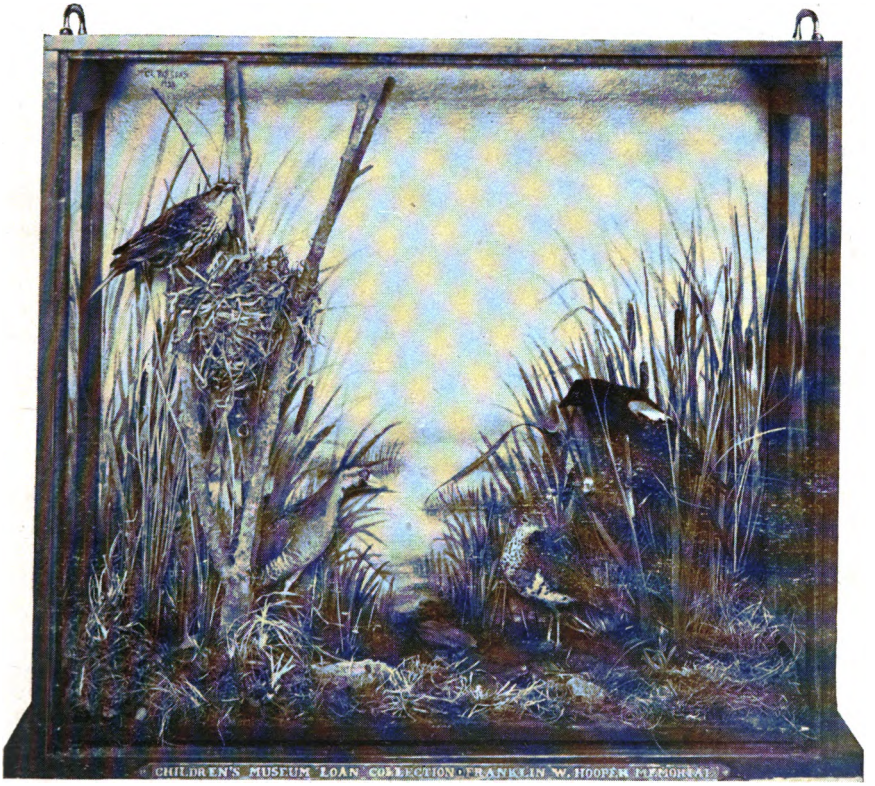
VOL. XI. BROOKLYN, N. Y., APRIL-MAY 1924 NOS. 7-8



BIRDS OF THE MARSH

RED-WINGED BLACKBIRD, FEMALE

RED-WINGED BLACKBIRD, MALE

SORA RAIL

SPOTTED SANDPIPER

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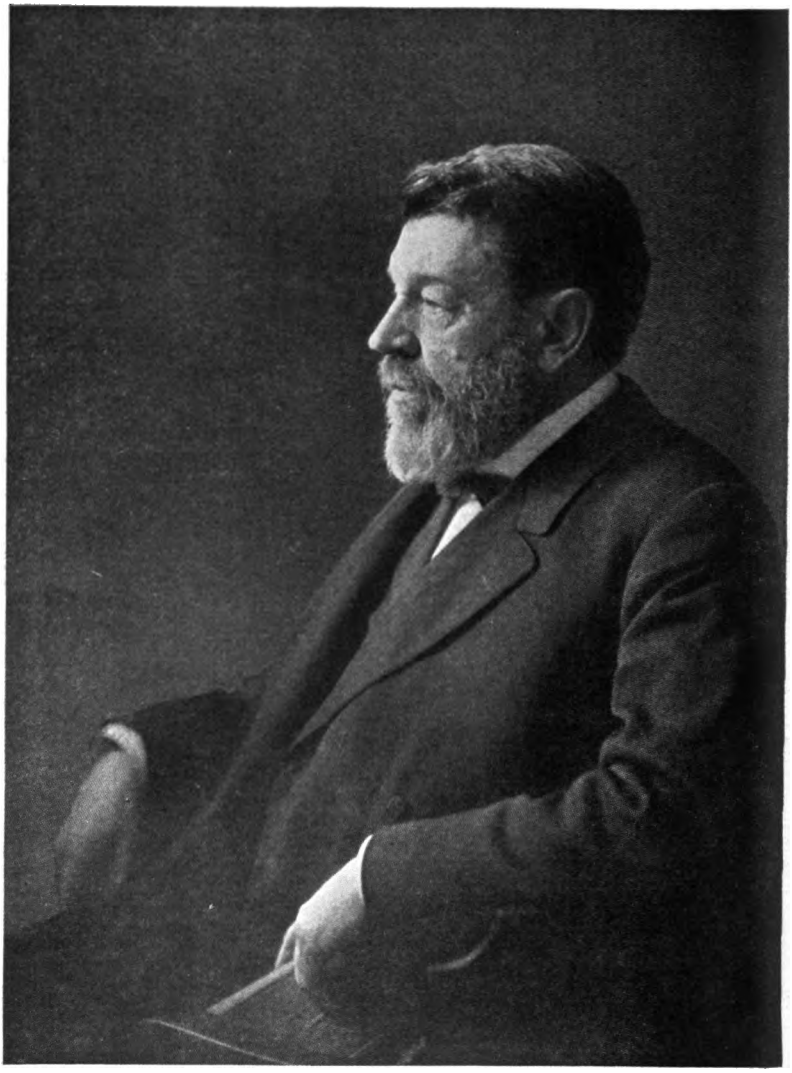

PROFESSOR FRANKLIN W. HOOPER

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FRANKLIN W. HOOPER, Director of The Brooklyn Institute of Arts and Sciences from 1890 to 1914, consecrated his life to the cause of public education. His was an ideal glowing with love for humanity.

"He had the seriousness, the strength, the zeal of the Puritan without any of its narrowness. His energy, his industry, his capacity for work was prodigious. His working day habitually lasted from twelve to fourteen hours. The ambition of his unresting spirit was to do and to accomplish what was boundless, and he never seemed to know fatigue. He dictated a letter upon a great public matter in which he had interested himself on the very last day of his life."

"Professor Hooper had constantly before him a vision of larger ideas, greater conceptions and higher ideals than were possible to be realized in immediate accomplishment. This, indeed, was the source of his power."

Ever ready to incline his heart and his hand to any enterprise for the enrichment of the life of the people, he labored in this community to give men, women, and children educational opportunities that would furnish them with enthusiasm for ideal activities and the joys of intellectual life, thereby writing his name large in all that stands for culture and education in Brooklyn. The success which now crowns the general work of The Brooklyn Institute of Arts and Sciences, has been in the largest measure due to the devoted and indefatigable labors of this great man. Prominent among his educational interests was the desire to inspire young people with a love of nature through the agency of the Museum, for he was a lover of nature in all her phases, and a believer in the educational value of museum collections.

"Let us then, bearing in mind his memory, resolve to do each what in him lies to the end that this Institution, better than any effigy of bronze or marble may become the fit and enduring monument of the name and self-sacrificing labor upon earth of Franklin W. Hooper."

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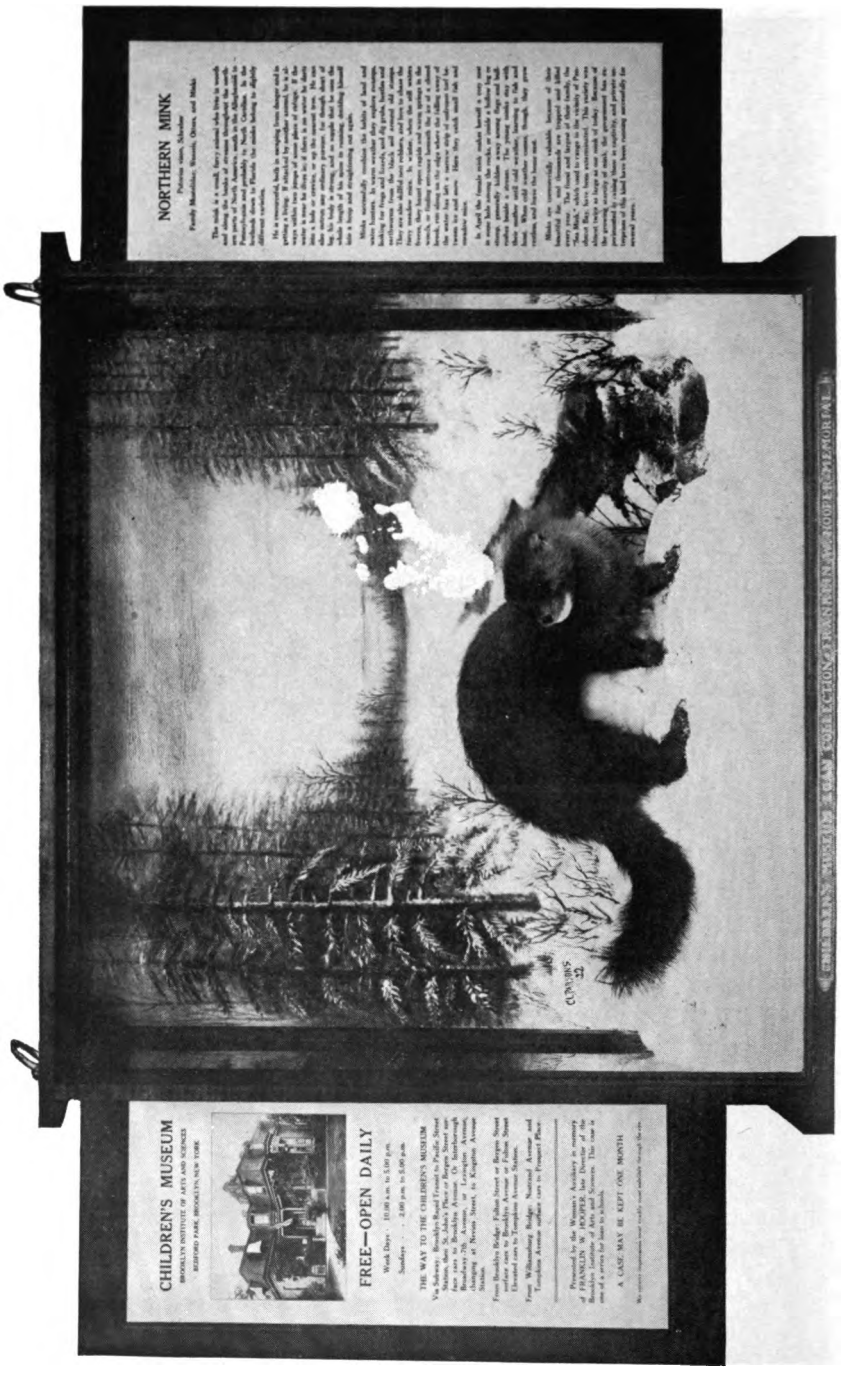
CHILDREN'S MUSEUM
BROOKLYN INSTITUTE OF ARTS AND SCIENCES
BEDFORD PARK, BROOKLYN, NEW YORK
FREE—OPEN DAILY
Week Days - 10.00 a.m. to 5.00 p.m.
Sundays - 2.00 p.m. to 5.00 p.m.
THE WAY TO THE CHILDREN'S MUSEUM
NORTHERN MINK
Mustela vison, Schreber
Family Mustelidae, Weasels, Otters, and Minks
COMMON 22
CHILDREN'S MUSEUM COLLECTION FROM PAN AMERICAN GROUP EXPOSITION MEMORIAL

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CHILDREN'S MUSEUM LOAN COLLECTION FRANKLIN W. HOOPER MEMORIAL

The Children's Museum has begun the preparation of an exten series of loan cases which in beauty and effectiveness should rank v those of the largest museums of the world. The Children's Mus Loan Collection is a memorial to the late distinguished Director of Brooklyn Institute of Arts and Sciences, Franklin W. Hooper. Museum thinks of it too as a tribute to the unfailing initiative and loy of its Woman's Auxiliary by which organization the whole undertal has been financed. The work is rapidly coming to bear fruit. Indivi loan cases of the series are already available to young people, and sev of the larger exhibits have begun their rounds of the schools.

Every effort is being made that the exhibits may be absolutely curate, and that they may be attractive. They must teach details of and feather to the school child, hut, and parent; therefore every ticular of the animal in full view, so far as this permits of a representation of the character of his native home.

As museums know, the construction of traveling exhibits pres many and great difficulties. At some points compromise is unavoida Limited space and the inevitable sharp angles of the sides with b ground introduce real problems with which the designer and prepar have to deal. To withstand the jars of frequent moving about, animals and accessories must be rigid; yet a massive appearance b nature with such creatures as are available. The cabinet has tc staunch, while avoiding excessive weight. Ample surface of glas needful for correct illumination, and glass is fragile. While a ren ing in miniature of an accessory is deplorable, blossoms of trees sometimes valuable in suggestion of season. Sexual variations in and coloration make it highly desirable to include both male and fer of the species; thus the space may be sorely taxed. Quite frequer though, it is possible to illustrate nesting habits.

The subjects of the loans at present are limited to the mammals, birds, insects, and other wild life to be found in and about Brook The loan groups are a means rather than an end. They are designe make the boy or girl hungry for the out-of-doors, and to show him way to information about nature.

The largest cabinets are twenty-three inches in height, and twe seven inches wide; the depth of ten inches allows fair space the introduction and display of animals, with accessories; t are brass handles on the top. The wings are of such size to admit the display of labels furnishing quite complete data

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rding the creatures, and the Museum itself. The top, front, and sides— ıich are protected by the wings when the latter are closed— are of .ss. The floor and back are removable—a feature of much value to : preparator. The inner surface of the back is of composition board ich adapts itself nicely to oil paint, in which material the background done. A bronze plate bears the name CHILDREN'S MUSEUM)AN COLLECTION · FRANKLIN W. HOOPER MEMORIAL. e frame is of dark stained wood.

The smallest of : cabinets which :lose the various ıibits of the ·an Collection tain, in most in- ıces, single spec- ns of animals. :y are available nembers of the dren's Museum gue, which or- zation has a n b e r ship of ly fifteen thou- young people. eague member make use of .oan Collection after he has ed to identify :y-five of the which appear e cabinets of Bird Room. he may take dual c a s e s, ter another, to his home and keep each one for a week. The cases of :ries are of stained wood, with backgrounds painted in oil. Each easures thirteen by eleven inches, with a depth of five inches.

he smaller cases, in particular, serve a double purpose. They are by the child to his home—sometimes a great home, sometimes a ttle, humble home. Not only the young member of the League,

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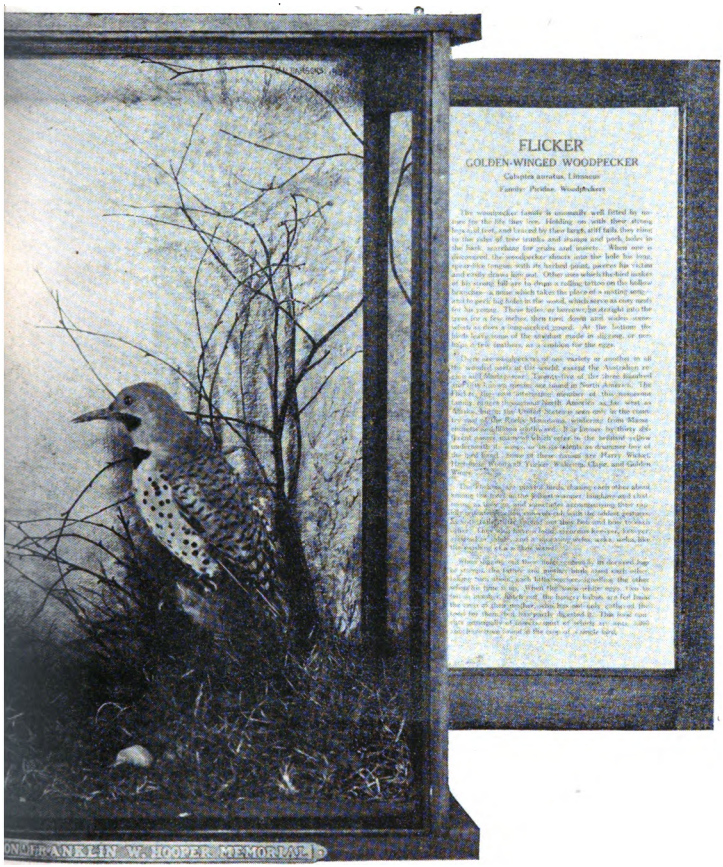
.but brothers and sisters, mother and father have a glimpse of the Ch dren's Museum and its work. The whole family sometimes beco acquainted with this bit of wild life, and it is probable that they i variably have a greater sympathy with nature and with the work whi museums aspire to do—because of the little hummingbird or the rob which for a few days rested on the mantelpiece.

Teachers, Scout Leaders, and other responsible adults may borro the groups of this series.



Clara Loui Parsons has be in charge of t execution of t groups since t establishment c the Loan Colle tion. Mrs. Parso is a Brooklyn art of diversified gi and training. Wh a student, she w honors in the d partment of art Adelphi Academ As one of t twelve studer who constituted t first class to ent the department fine arts at Pra Institute, she car under the instru tion of Lucy Fit (Perkins), D Walter S. Per and Herbe Adams. She studied sculpture with Louis Potter. Her work as a portra painter and her studies, in oil and water color, of landscapes and animal life have been favorably noted from time to time in the dail metropolitan press.

Mrs. Parsons has brought to her task a dexterity in the manipul tion of accessories and a cleverness in the use of color which render h creations singularly alluring to young people.

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FREE—OPEN DAILY
Week Days 10.00 a.m. to 5.00 p.m.
Sundays 2.00 p.m. to 5.00 p.m.
THE WAY TO THE CHILDREN'S MUSEUM
Via Subway: Brooklyn-Bound Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Eastern Parkway-Brooklyn-Bound to 7th Avenue, Lefferts Avenue through changing at Nevins Street, to Kingston Avenue Station.
From Manhattan Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.
From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.
Presented by the Women's Auxiliary in memory of FRANKLIN W. HOOPER, late Director of the Institute, and for the use of its members. This card is one of a series for boys to collect.
A CASE MAY BE KEPT ONE MONTH

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BLACKPOLL WARBLER MYRTLE WARBLER

The Museum is proud of the exhibits which have been completed, and of the benefits which accrue from loaning them. Teachers who make use of this service tell with unreserved enthusiasm of the many hundreds of school children, who, through the study of the larger cases in their classrooms, gain definite interest in nature and a better knowledge of it. Ample demonstration of the worth of the smaller ones appears in the eagerness and regularity with which young people apply for them.

The Museum desires to express its sincere gratitude to the American Museum of Natural History, New York, and to the Field Museum of Natural History, Chicago, for effective help in planning its Loan Collection. The former institution through its Honorary Director, Dr. Frederic A. Lucas, aided materially in designing the cabinets, and in other ways. Mr. S. C. Simms, Curator of the N. W. Harris Public School Extension of the Field Museum of Natural History, sent to us for inspection one of the beautiful loan groups belonging to that institution, and otherwise afforded valuable help.

MEADOWLARK

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THE WOMAN'S AUXILIARY

ANNUAL MEETING

On April 24th members of the Woman's Auxiliary of the Children's Museum convened in annual meeting. The Museum, for the occasion, was colorful and charming with a profusion of cut flowers and potted plants given by the Department of Parks.

During the morning, reports were heard of the officers and of the Curator. Through these reports we have a review of the various activities and accomplishments of the year. They reveal the relation of this organization and its meaning in the development of the Museum as an active, educational force.

A buffet luncheon was served at one o'clock. Then for an hour the members and guests of the Auxiliary wandered among the beautiful exhibits. Comments were frequent that here were surely inspiration and refreshment for children of the crowded city. A brief address was made by each of the guests of honor at the luncheon: Mr. Edward C. Blum of the Museum's Governing Committee of the Board of Trustees of The Brooklyn Institute of Arts and Sciences, Mr. Edward T. O'Loughlin, Park Commissioner, Dr. William H. Fox, Director of Museums, Mrs. William H. Good, Trustee of The Brooklyn Institute of Arts and Sciences, Mrs. Luis J. Francke of Glen Head, Long Island, and Miss Sarah K. Fellows, Patron of the Children's Museum. The speedy opening of the Smith Property as a public park and the remodeling of the mansion to accommodate the growth of the work of the Museum provided interesting themes for the addresses. Dr. Fox aroused enthusiasm by outlining the possibilities of an Art Department for the Children's Museum.

Mrs. Floyd S. Neely reported for the Membership Committee, Mrs. William H. Abbott for the Speakers' Bureau, and Miss Jane Moore for the Americanization Committee. Mrs. John R. Farrar presented her report as treasurer of the concert given in February by the Mundell Choral Club. Miss Grace Corning Cotton made a complete report of her work. Mrs. T. Mortimer Lloyd spoke interestingly of her work in broadcasting in the interest of the Children's Museum from Station WEAF. These weekly Radio Talks have aroused lively interest in distant quarters.

The sum total of the year's accomplishments is startling and inspiring because we are paving the way for bigger things for the Museum. The annual gathering of the entire body of the Auxiliary is the focal point of its activities; here achievements are recorded and enthusiasm and impetus are gained that will mean growth for the Children's Museum.

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LIBRARY NOTES

The month of March 1924 was in many respects memorable in the history of the Library. The total number of recorded visitors was 7,074, a quota which has been exceeded in only one month thus far, that in March 1918, when it chanced that an Easter holiday week was included.

We were favored with visits from several librarians. Among them were Miss Clara W. Hunt, Superintendent of Work with Children in the Brooklyn Public Library, and two children's librarians from Toronto, Canada. Mrs. Belle Holcomb Johnson, a member of the Connecticut Public Library Committee, Hartford, found opportunity to secure poems and other data relating to Arbor Day and Bird Day. Miss Mary Burnham, Librarian of the Buffalo Academy of Sciences, Miss Brush, Librarian of the Public Library, Greenwich, Connecticut, and Miss Roberta M. Doxsee, Librarian of the Public Library, Bound Brook, New Jersey, were also visitors.

During the month, sixty-one visits were made by teachers, a majority of whom were accompanied by classes of children. Pupils came from fifty public schools and twenty private schools, and from seventeen high schools.

No less than two hundred and forty members of Girl Scout and Boy Scout Troops visited us. The number included large delegations from Upper Montclair, and Bloomfield, New Jersey. They were escorted by fourteen Scout Captains and other officers.

For several months, the Bird Lovers' Club of Brooklyn has discussed the general subject of HABITATS OF BIRDS. Some of the special topics considered have been "Birds of the Air Catching their Food as they Fly;" and "Birds of Tree-Trunks and Large Limbs." At one meeting, an imaginary trip was taken by aeroplane to Orford, New Hampshire, in order to observe the "Birds Seen Feeding on the Ground."

At the March meeting, Miss Elizabeth M. Tompkins of Erasmus Hall High School presented the Subject of "Birds of the Gardens and Orchards," giving in a most delightful way, personal observations of the birds she has watched in her garden at Poughkeepsie, New York. For illustration, Miss Tompkins showed several bird skins which had been contributed from time to time by her pupils, and carefully preserved by her own skillful fingers. The Library provided about fifty bird pictures to supplement the graphic story. Two poems, Dr. Henry Van Dyke's "The Song Sparrow" and William Dean Howells' "The Song the Oriole Sings," were read by members of the Club.

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LECTURES

Grades 7A or 7B: **Our Possessions** Tuesdays, 4:00 P. M.

May 6 The Panama Canal
13 Alaska
20 Hawaii
27 Jamaica and Porto Rico **D. F. Goerz**

Grades 5A or 5B: **American History** Wednesdays, 4:00 P. M.

May 7 The War for American Independence
14 The War for American Independence *Part II*
21 The War for Commercial Independence
28 The Period of Growth and Progress **D. F. Goerz**

Grades 8A or 8B: **Physical Geography** Thursdays, 4:00 P. M.

May 1 Winds and Rains
8 Ocean Movements and Their Effects
15 Volcanoes and Hot Springs
22 Study of Familiar Constellations and Stars
29 Surface Features of the Earth **D. F. Goerz**

Grades 6A or 6B: **Motion Pictures** Fridays, 4:00 P. M.

May 2 Home Mining in the East *3 reels*
9 The Life of Abraham Lincoln *2 reels*
16 Water Power of Ancient and Modern Times *2 reels*
23 The Silk Industry *2 reels* **D. F. Goerz**

All Grades: **South America** Saturdays, 10:30 A. M.

May 3 The Land of the Equator
10 Along the Banks of the Amazon
17 Argentine and Chili
24 Peru, Bolivia and Paraguay **D. F. Goerz**

Primary Grades: **Spring Activities** Saturdays, 2:30 P. M.

May 3 The Life Story of a Butterfly and Moth
10 Animals of the Pond and Stream
17 *No Lecture*
24 The Honey Bee and Its Work **D. F. Goerz**

Motion pictures are subject to change without notice.

TO REACH THE CHILDREN'S MUSEUM

From Manhattan: Interborough Subway to Kingston Avenue Station. Lexington Avenue Line must change at Nevins Street.

From Williamsburg Bridge: Nostrand or Tompkins Avenue surface car to Prospect Place.

From Brooklyn Bridge: 1. Fulton or Bergen Street surface car to Brooklyn Avenue. 2. Fulton Street Elevated train to Tompkins Ave.

From any Brooklyn-Manhattan Transit Subway Station: Subway to Atlantic Avenue; then Bergen Street surface car to Brooklyn Ave.

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Children's Museum News

VOLUME XII

OCTOBER 1924 TO MAY 1925

An illustrated periodical devoted to the activities of the Children's Museum in presenting to children various subjects in Natural History, Geography, and United States History

BROOKLYN, N.Y.

1924-1925

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CHILDREN'S MUSEUM

OF

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Brooklyn Avenue between Prospect Place and Park Place

FREE

Week days .....**10:00 A. M. to 5:00 P. M.**

Sundays.....**2:00 P. M. to 5:00 P. M.**

The Children's Museum was established in December, 1899. It was the first institution of its kind and is today the largest and best equipped Children's Museum in the world.

It interests and instructs children by means of its exhibits of natural history specimens; geographical and historical models; its library containing 9,000 carefully selected and graded books; its illustrated lectures; and personal attention to visitors.

The Museum Publications comprise the Annual Report, The Children's Museum News, Circulars of Information, Classified lists of Specimens to Lend to Schools, lists of Nature Books, and a Catalogue of the Historical Collection.

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VOLUME XII.

OCTOBER 1924 TO MAY 1925

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FEB 9 1925

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M

VOL. XII. BROOKLYN, N. Y., OCTOBER 1924 No. 1

GETTTING READY FOR A FIELD TRIP

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THE FIELD TRIPS OF 1924

For five consecutive years the Woman's Auxiliary has generously given the Museum sufficient means to employ a field instructor during the summer months. Her work has been to escort boys and girls who remain in the city on day trips to the country and to give them lessons in nature study. By this means the Museum has interested and instructed in smaller groups many young people whose love for nature has gradually developed during the year by visiting the Museum in large classes. Miss Marguerite Mayer was the instructor in charge. An attendance record of 715 shows the outings of 1924 to have been more successful in point of numbers than in any previous year. The groups for each trip were larger than ever before.

But apart from numbers, certain circumstances and features of this summer's program have been especially satisfactory. The Busy Bee Room, having proved inadequate for space, it was decided to store the lecture room seats in the Smith Mansion and to use the Lecture Room as headquarters for all the field trip work. In that room work tables, cabinets, desks, and all kinds of field and indoor apparatus could be kept available for immediate use. A new piece of apparatus greatly appreciated by the young people, was a Trans-Lux daylight picture screen which enabled the instructor in broad daylight at any moment to throw colored lantern slide pictures into view.

With a few exceptions, the plan of former years was adopted. A schedule of trips with directions for grouping the children according to age and for meeting the instructor was published in the newspapers at the beginning of the season. Children who reported at the Museum were assembled in the lecture room, told where the next trip would take them, and what they might expect to find. Here the daylight screen was most useful, enabling the instructor to project a map of the region and pictures of the birds, insects, trees, and wild flowers they would be sure to see. Collecting kits, insect poison jars, butterfly nets, bird glasses, and notebooks were prepared in advance that the all too short hours in the field might be employed to the best advantage. The day after each outing the young people came back to the Museum to study, prepare, arrange, and label their specimens and to read in the Library for desired information.

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Miss Mayer's report mentions the amazing regularity of attendance. Norman Adeler completed an almost perfect record of attendance for this, his second year. Two eight year old Brownies went on three-fourths of the trips and because of their enthusiasm and good behaviour were admitted to all groups regardless of age. Older children who had taken the trips in former years showed lively interest in the comfort and welfare of the younger ones and exhibited genuine unselfishness in sharing specimens. Contests for honors were spirited and persistent but friendly withal and free from any evidence of jealousies.

An older sister, whose parents are not living, sought the Museum as a means of giving her two young brothers interesting occupation. Escorting them on the trips she found for herself a new interest in the study of botany. Later in the season, she was joined by two Girl Scouts whose enthusiasm for nature study had been awakened at the beginning of the summer in the Brooklyn Girl Scout Camp at Central Valley, New York. The three girls each made a well mounted collection of leaves and such wild flowers as grow in abundance. A young boy worked very hard to make a butterfly collection. Toward the end of the summer his skill and his luck improved to such a degree that on the day of the last trip he had really begun to have hope.

"Oh gee! Just as a fellow gets started they're over," was his comment when he realized the last day of summer had come.

Among the favorite hunting grounds of these little naturalists was Baisley's Pond where they found wild indigo, white alder, blue vervain, and poison sumach for which they had hunted unsuccessfully elsewhere. Clove Lake, Staten Island, abounds in ferns and interesting shrubbery such as privet Andromeda, sweet fern, and dwarf sumach. At Hollis Woods were berries, chestnuts, oaks and maples, and a long line of brilliant butterflies. The Brooklyn Botanic Garden is ever a mine of unfailing delight and information for our children. Dr. C. Stuart Gager, the Director, very kindly gave collecting permits to those who had had museum training and commended the manly behaviour of the young folks who accepted the privilege.

Baisley's Pond was recommended by Jacob Abelow who has taken the museum field trips ever since they began. As a result of his field work and other museum activities he has decided to become a forester.

Ten boys and one older girl went on a mineral field trip to Dyckman Street under the guidance of Miss Campbell. Riverside Drive is being widened in this vicinity and as a result of the blasting they obtained many fine, fresh specimens of schist containing small garnets. Rather

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large sheets of muscovite were found, and some inclusions of a black mineral. A few of the boys were lucky enough to find "books of mica" and were duly thrilled. The schist contained both orthoclase and plagioclase feldspar. The boys were very much interested in the fine parallel lines upon the plagioclase which served to distinguish it from orthoclase. They obtained also specimens of chlorite, quartz (smoky, glassy, milky, rose and red), biotite, and pegmatite containing hornblende. Men were at work making a curb of biotite, granite, and slate, and from their chippings the boys obtained specimens of these rocks. On a side street they collected specimens of Dolomite marble and calcite from an outcropping knoll of marble. This marble showed grooves running north and south. The marble also contained small pits, the result of the action of water.

Upon returning to the Museum, the collectors tested their specimens of marble and calcite with hydrochloric acid.

At the present writing, every young collector is busily arranging and labelling specimens for an exhibit in the Museum during October. Miss Mayer reports a very happy season because the children were genuinely interested, regular in attendance, industrious, well behaved in the Museum and on the trips and able to work amicably together.

In connection with the field trips the Woodcrafters remained active all summer holding Council once a week in the lecture room and admitting thereto members of all tribes.

A word must be said also about the older boys and girls who applied the Museum and Woodcraft training of other years to this summer's outings. In one family it was the inspiration for a ten days' vacation of camping when two sons and a daughter induced their mother to join them. The boys pitched the tents and helped in cooking the chickens and fresh vegetables obtained on the farm which was their camp site. They all reurned improved in weight and color, refreshed, and possessed of a store of new and valuable experiences. One young man camped alone over night on Staten Island.

Morton Wadsworth, while not exactly a camper this summer, certainly applied the camping spirit. For it was nothing less that enabled him to enjoy through his own efforts a long Mediterranean trip to many ports and places even to the Pyramids of Egypt and the crater of Mt. Vesuvius.

A. B. G.

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THE NINETEENTH ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF MUSEUMS

The Children's Museum was represented by the Curator at the 19th Annual Meeting of the American Association of Museums held in Washington, D. C., May 11 to 13. Mrs. John J. Schoonhoven was the official delegate of the Woman's Auxiliary. Ten other members some of whom belong also to the Association expressed their interest in the Museum movement by their presence. Among the delightful recreational features of this convention were an all day boat ride down the Potomac River, a visit to the White House where the delegation was received by President Coolidge, and a formal dinner where Ambassador Jusserand and other distinguished speakers were the guests of honor. The tendency of all museums to give increasing space and service to children's work was apparent in the addresses of these distinguished speakers and in the reports of museum activities. The Secretary's report showed the extent to which new museums are springing into existence throughout the land.

At the New Willard Hotel, Headquarters of the Association, members of the Brooklyn delegation were glad to meet Mr. Lloyd Espenschied, a former museum wireless student. Mr. Espenschied was busy that week with lawyers of the United States Government, clearing away legal obstacles for a radio convention which was to be held in the City of Mexico a few weeks later and which he expected to attend as a representative of the Radio Corporation of America.

Another Children's Museum student whose name has been mentioned in this paper before, was in Washington on the same dates of the Convention, completing arrangements for an exhibition of his portraits of Indians in the Corcoran Art Gallery. We refer to Mr. W. Langdon Kihn.

On May 31, a delegation of children with their teachers from Hollis, Long Island, spent the day at the Museum. At the conclusion of their visit they decided to start a museum in their home town. For curator, they must appoint the one of their number who had always shown the most interest in nature. The honor was given to Lloyd Espenschied Junior, ten years old. His father's approval arrived a few weeks later from Mexico.

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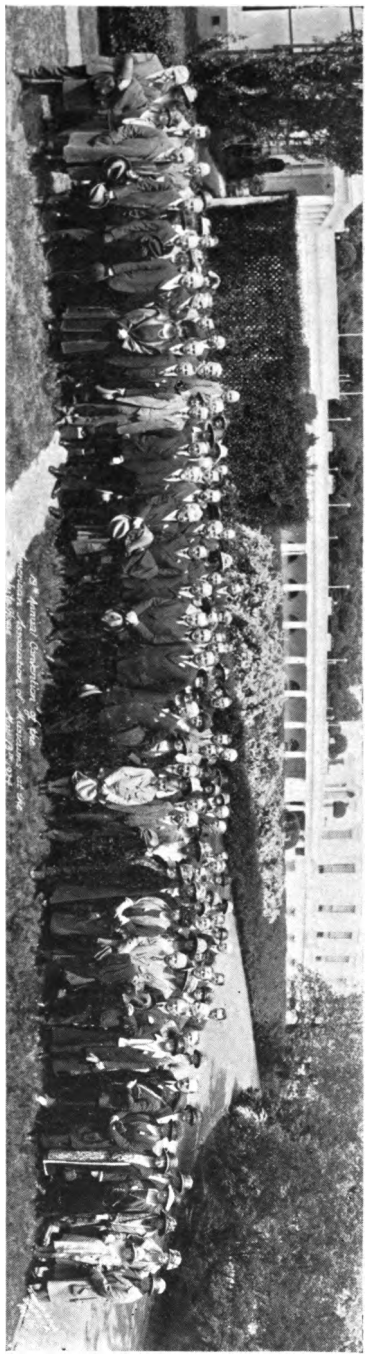

NINETEENTH ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF MUSEUMS, WITH PRESIDENT CALVIN COOLIDGE, IN THE GROUNDS OF THE WHITE HOUSE, MAY 13, 1924.

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MARGUERITE WILSON CARMICHAEL

Miss Marguerite Wilson Carmichael, for twenty-two years Secretary in the Curator's office of this Museum, passed away on July 1. Although clerical work occupied her museum hours, her influence was not confined to the duties of her office. She was devoted to children and possessed remarkable gifts in dealing with them.

In 1910 she became deeply interested in the planting and conservation of trees in our City, and conceived the plan of organizing children into a Junior League of the American Association for the Planting and Preservation of City Trees of which she was an enthusiastic member. As Director of this Junior League to which she gave a large part of her free time, she inspired great numbers of children to study, protect, and plant trees. Under her leadership this organization of Juniors, familiarly called the Tree Club, grew and prospered. Its members, known throughout the Borough of Brooklyn as Tree Wardens, numbered twenty thousand strong. The grounds of public schools and libraries and many residential blocks in various parts of the City, now beautified by the trees which these Tree Wardens planted, are a living memorial to Miss Carmichael's conception of the City Beautiful.

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WOMAN'S AUXILIARY

CHILDREN'S DAY—The Smith Property Dedicated

May the twenty-sixth, 1924, will long be remembered in the annals of the Woman's Auxiliary, for on that date formal and public announcement was made that the Smith Mansion is to be remodelled as an Annex to the present home of the collections and manifold activities of the Children's Museum. His Honor, the Mayor, the Borough President, and many City Officials honored this celebration and dedication of the Smith property. It was Children's Day and the Mayor's grandson, John F. Hylan Sinnot, was the guest of honor. Thousands of children carry-

THE SMITH PROPERTY

ing school banners, Red Cross banners, Museum banners, Scout insignia, and Woodcraft totems marched to the music of the school bands, scattered about the grounds of Bedford Park and the yard of the Smith property. It was stimulating and impressive to see these hoards of eager children carrying aloft the legends, all pleading for the speedy enlargement of their Museum.

"The Children's Museum Opened 1899. Hope of the Future, Smith Proporty Annex."

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Every activity of the Museum was represented in the procession, the Library, the Lectures, the Woodcraft League, the Scouts, the Tree Club. We are indebted to the schools and to the Junior Red Cross, as well as the Scouts for their cordial cooperation, that made this impressive procession of children possible. The Mayor and Mrs. Hylan expressed their interest and pleasure. After inspecting the Children's Museum and reviewing the parade, the Mayor delivered a brief address to the assembled children who valiantly held their banners amid the spattering raindrops. Mr. Frank L. Babbott, President of the Board of Trustees of the Brooklyn Institute of Arts and Sciences, made a brief address in presenting the Mayor. Mr. John H. McCooey also spoke, referring to plans for making over the Smith Mansion. Morton Wadsworth, a youth who has had museum training since his earliest boyhood and who is now a Sagamore in the Woodcraft League, thanked the City Administration on behalf of the children for the gift of the new park and told what the Children's Museum had meant to every one of them in inspiration and education. The singing of America closed the program after which tea was served in the Museum. The day was of real significance, though the ceremonies were simple, for it marked the progress of several years of active campaigning for adequate housing for our Children's Museum, a housing commensurate in some degree with the work it is doing.

MEMBERSHIP COMMITTEE

The Membership Committe held a luncheon meeting, the last of the season, on May 7, at the home of Mrs. Walter H. Howe in Jackson Heights with ten members present. Mrs. Floyd S. Neely, whose term of office expired on this date, installed the newly elected chairman, Mrs. Don C. Seitz, whose late untimely death is so great a loss to all Brooklyn. Mrs. Henry Sterling Chapin remains as secretary of the committee. Under Mrs. Neely's leadership, the Membership Committee had a most active and successful year, as shown in the general review of its achievements. The membership drive, opened on January 3, yielded most satisfactory results, adding nearly four hundred members to the roster of the Auxiliary. Mrs. Frederick J. Austin, Membership Secretary, reported the total membership of the Auxiliary as fifteen hundred. The Membership Committee also had the pleasure of financing the Field Trips for the summer. Enthusiastic plans were discussed throughout the meeting for continuing the good work this Committee had done in its eight years of devoted service to the Museum.

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MRS. DON C. SEITZ - An Appreciation

The passing of Mrs. Don C. Seitz, Chairman of the Membership Committee of the Woman's Auxiliary, is a source of deep sorrow to all our members, her friends, and co-workers. Her unselfish devotion and clear-sighted, intelligent, cooperation in every department of the Auxiliary will be sadly missed by all who have known the inspiration of working with her. She never refused a call of the Speakers Bureau to go to the most distant school at whatever early or inconvenient hour. She never failed the Membership Committee, when clerical work, telephone calls, or other detail work needed to be done. She loved the Children's Museum, was jealous of its fair name, and untiring in its service. Her honest, strong, unselfish personality and her gift for friendship, simple, direct, and unaffected made her a power in every relationship of life. We mourn her loss, with a grief deep and sincere, but we rejoice that the Children's Museum had so staunch a friend who has left us not only a heritage of good works, but the memory of a personality that will live; a strong invisible power, helping us through the years to dedicate our lives, even as she did, to the doing of good deeds, and the making of the world a better place in which to live.

HELEN B. SCHOONHOVEN.

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LIBRARY NOTES

It gives us pleasure to announce that a new, and completely revised edition of SOME NATURE BOOKS FOR MOTHERS AND CHILDREN has now been printed. This list includes the titles of several "Nature Study Magazines," and also the publishers and prices of "Nature Pictures" and "Nature Notebooks," in addition to valuable books on a wide range of topics. The majority of the books are intended as guides for information and study, special features of each book being briefly characterized.

The regular library edition is given with each title; also the name of the publisher, the date of publication, and the list price. The books are divided into the following groups: General Nature Study, Mammals, Birds, Reptiles and Amphibians, Fishes and Aquaria, Seashore Life, Insects, Wild Flowers, Garden Flowers and Gardening, Ferns, Mosses and Mushrooms, Trees, Minerals and Rocks, and Astronomy. Under each topic, at least one book has been chosen which children will enjoy reading by themselves.

To our great regret, many excellent books which were included in the earlier edition are necessarily omitted, because now out-of-print. The most important recent books are substituted in their places. To cover the cost of printing, a nominal price of twenty-five cents per copy is charged for the lists.

The following comment made by the Dean of the College of Science in a western University is quoted from many favorable statements received:

"The value of such a list of books, to the librarian, the naturalist, and the specialist interested in building up a general collection of nature books need hardly be pointed out."

An interesting and valuable gift has been presented by Mrs. Anna M. McDowell, Lynbrook, New York, namely: a copy of the "New England Weekly Journal, Containing the most Remarkable Occurrences, Foreign and Domestick." This paper was printed in Boston, April 8, 1728, and consists of two pages, only, measuring about 8 x 12 inches. There are two pathetic advertisements, offering for sale a very likely negro woman, and a very likely negro girl.

In the Library Division of the Children's Day Parade seven attractive banners were carried which had been specially mounted for the occasion. These banners, (or mounted posters,) were donated to us by the National Association of Book Publishers, and included two pleasing silhouettes entitled "Take Along a Book," and "Books on the Out-of-Doors." The mottoes on some of the other banners were "Let's Read Together," "More Books in the Home,"and "Good Books Build Character."

To the Librarian was given the happy privilege of attending the annual Conference of the American Library Association, held at Saratoga Springs during the week of June 28 to July 5. The gathering was large, and the spirit of the occasion unusually friendly, imparting much inspiration and help through the interchange of thought and experience.

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LECTURES

Grades 7A or 7B: Domestic Science Tuesdays, 4:00 P. M.

October 7 Sources of Our Clothing
14 Milk from the Dairy to the Home
21 Meat Packing Industry
28 New York City Water Supply **D. F. Goerz**

Grades 5A or 5B: Historical Stories Wednesdays, 4:00 P. M.

October 1 The Merchant of Venice
8 Longfellow the Man and the Poet
15 Miles Standish
22 The Life Story of Theodore Roosevelt (Part 1)
29 The Life Story of Theodore Roosevelt (Part 2)
D. F. Goerz

Grades 8A or 8B: Physics Thursdays, 4:00 P. M.

October 2 General Principles
9 Properties of Bodies
16 Weights and Measures
23 Gravity and the Centre of Gravity
30 Liquids and Osmosis **D. F. Goerz**

Grades 6A or 6B: Motion Pictures Fridays, 4:00 P. M.

October 3 It's All in the Shreds
10 Behind the Wrapper
17 The Story of Evaporated Milk
24 Sugar Refining
31 Petroleum from the Well to the Consumer **D. F. Goerz**

For All Grades: A Tour Through Great Britain Saturdays, 10:30 A.M.

October 4 England
11 Special Lecture: See Below
18 Ireland
25 Scotland

Primary Grades: Nature Study Saturdays, 2:30 P. M

October 4 Easy Ways to Learn the Trees
11 Special Lecture: See Below
18 The Bird Room
25 Butterflies and Moths **D. F. Goerz**

For All Grades: Special Lecture 10:30 A. M. and 2:30 P. M.

October 11 The Life of Christopher Columbus **D. F. Goerz**

Motion pictures are subject to change without notice.

HOW TO REACH THE CHILDREN'S MUSEUM

Via Subway: Brooklyn Rapid Transit to Pacific Street Station, then St. John's Place or Bergen Street surface cars to Brooklyn Avenue. Or Interborough Broadway-7th Avenue, or Lexington Avenue changing at Nevins Street, to Kingston Avenue Station.

From Brooklyn Bridge: Fulton Street or Bergen Street surface cars to Brooklyn Avenue or Fulton Street Elevated cars to Tompkins Avenue Station.

From Williamsburg Bridge: Nostrand Avenue and Tompkins Avenue surface cars to Prospect Place.

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FEB 9 1925

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. XII. BROOKLYN, N. Y., NOVEMBER 1924 No. 2

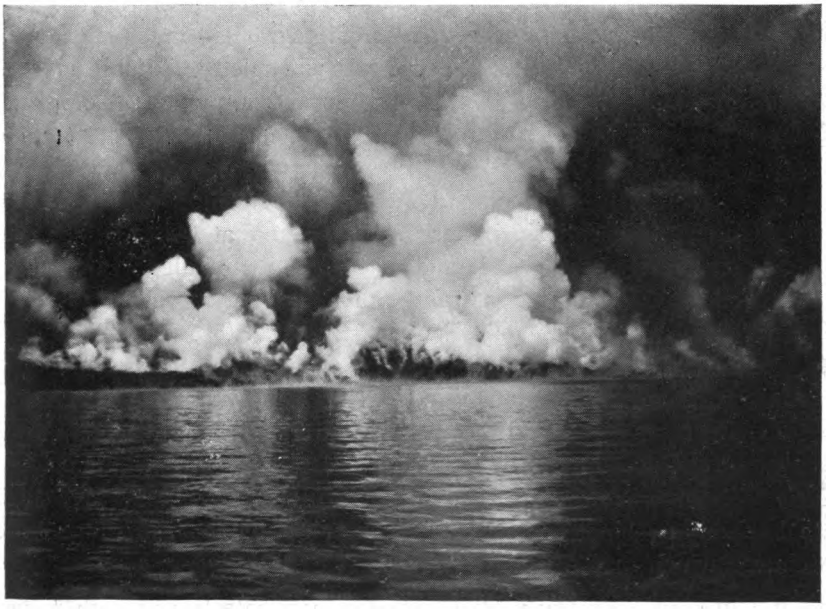

Photo by Frank A. Perret

At Sakurashima, Japan, in 1924, the lavas entered the sea, filling the strait which formerly separated the volcano from the mainland, thus converting an island into a peninsula.

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VOLCANOES AT THE MUSEUM

Mr. Frank A. Perret, prominent volcanologist, has loaned a large part of his collection of volcanic material, and many of his unique photographs of volcanic phenomena to our Museum, and has installed a beautiful and interesting exhibit in a room prepared for and devoted exclusively to it. No description can give a true idea of this fine acquisition. We want very many children—and grown ups too—to come and share with us the enjoyment of our new volcano-land.

Can the wonders of volcanoes be clearly revealed to children in a museum exhibit? I have tried to answer this question in the affirmative with an installation which is the result of many years' work and interest 'at home' with volcanoes.

I hope the exhibit is meaningful through my combining the collection of specimens with a collection of photographs—in supplementing the exhibition of lava, bombs, and crystals with pictures of the volcanic phenomena which produced them, and in accompanying the photographs of the various phases of volcanic activity with the actual products of eruption. No display of pictures only; no mere collection of minerals can give a complete and comprehensive understanding of these great manifestations of geophysical energy. In order that the exhibit should be as comprehensive as possible and representative of all volcanic types, I have included demonstrations of the more important volcanoes of the Mediterranean, Atlantic and Pacific groups; Vesuvius, Etna, and Stromboli in the first of these; Teneriffe in the second, and Kilauea, Hawaii and Sakurashima, Japan, in the last. The exhibit is so arranged that the side cases contain, at a convenient level, the collection of enlarged photographs; below is a shelf on which are placed the larger specimens of erupted materials. These are supplemented by an extended exhibit, in a horizontal cabinet occupying the center of the room, of the smaller specimens which may thus be examined at close range.

It will surprise many people to know that materials in such variety and of such interest and beauty are ejected from volcanoes. Here are to be seen perfect little black crosses of pyroxene, thrown out from the crater of Stromboli as free crystals; "Pele's Tears," which are tiny lava drops ejected in liquid form and hardened in the air into curious little tear drops, dumb-bells, and tadpoles. This phenomenon was first described by the writer. Here also are "Pele's Hair," a form of lava in fine-drawn threads of glass, some as flexible as silk; wonderful ash from

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the volcano Katmai in Alaska, which is seen under the magnifying lens as glass bubbles like tiny pearls. Of bombs of different kinds, some are broken open to show the internal structure. Olivine is shown in the form of free, dark green crystals and also as found imbedded in the original

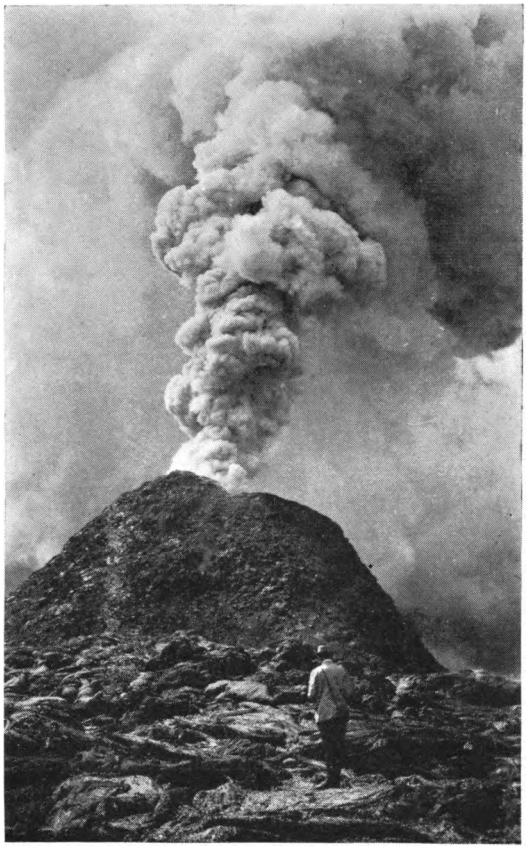

Photo by Frank A. Perret

The present day study of Vesuvius is carried on by decending into the great crater basin left by the eruption of 1906, and investigating at close range the activities of the eruptive cone at the crater bottom. The observer is here shown photographing the smoking cone in an interval between explosions.

lava from which it has crystallized. Black lava glass, bread crust pumice, and various metals, deposited from their vapors which were volatilized by the heat of volcanoes, are included.

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Visitors will, I think, be interested in the arrangement of the specimens; thus a comparison may be made between such as are naturally related. For example, Vesuvius is known to have begun by breaking through the layers of limestone which lay on the floor of a shallow ocean of the Eocene Period. The lavas therefore are forced up through the limestone, and at every great eruption, blocks of this material, well roasted, are thrown from the crater, although they are not volcanic rock. The hot lava, in contact with the limestone, forms new mineral combinations. In the exhibit we may see specimens of this limestone which were ejected in 1906; beside them are crystals of idocrase, one of the so-called limestone-contact-minerals.

Another comparative series is of many examples of the ash of the eruption, collected day by day at the observatory. It shows the progressive change, during the course of the three week's eruption, from a coarse, granular sand to a fine powder which will float in the air. It was carried far and wide to fall on the roofs of Paris and London. The same scheme of comparative views prevails in the photographic display where the development of a great explosion is progressively pictured. Below are found the very materials thrown out at the time; and a series of views which show the sinking and shrinkage of the lava lake in the crater of Kilauea during the summer months of 1911. These were all taken from the same point—a little hut which I built at the edge of the crater. Here I lived for three months studying, observing and recording the story of the volcano; reading in bed at night by the light of the lava and instituting that continuous observation which is now being carried on by Professor Thomas A. Jaggar.

An addition to the purely volcanic exhibit is a series of pictures showing the effects of the terrible Messina earthquake. It happens that I predicted this earthquake, and was one of the first to reach its scene.

The exhibit is so very concentrated in its one room that it is almost impossible to realize the amount of field research which it represents; here is seen in twenty minutes the work of twenty years. When it is remembered that these investigations were devoted almost entirely to the uncommon, very violent phases of activity, it may be doubted if an exhibition so representative of the earth's volcanism has ever before been seen. More than any other volcano, I have studied Vesuvius. My book describing the whole cycle of the volcano's activities is in the library of the Children's Museum.

FRANK A. PERRET

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IN SCOUT CAMPS

The Children's Museum was glad of the opportunity this summer to be again of particular service to the young people in the Girl Scout and Boy Scout Camps of the state. Happily it was possible to extend this service considerably. Nearly one thousand boys and girls had access to

the resources which the Children's Museum was able to offer them. Representative displays of birds, insects, minerals, and plants of the various classes were placed at the disposal of the campers—the practical worth of this material much enhanced by the additional installation of a care-

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fully selected library of nature lore, charts, and pictures. Bird glasses, magnifying lenses, and similar equipment were supplied for the use of the more active boy and girl scientists.

The museum of the Girl Scout Camp at Central Valley has been of such unusual merit during the past two summers that the Interstate Park Commission has awarded it a board lodge as its permanent home. Miss Hilda White and Miss May Reeve proved capable and enthusiastic workers, skilful in helping along individual effort, and efficient in their work with the groups. For five months previous to the opening of the camp, Miss Reeve was trained at the Children's Museum. Fearlessness and love of nature developed rapidly among the campers. Before the end of the summer, snakes, toads, turtles, snails, insects, a deer-mouse, and a baby skunk played temporary parts as pets. Because of the Museum exhibits it was possible to pursue flower study without destroying the wild plants. Species were observed in the field, and identified—then more closely studied from Museum specimens and charts. Study of birds, stars, and trees was popular. Several girls won the Children's Museum Initial. Nature workers here were proud when their museum was awarded sixth place of those of the ninety-three camps within the park boundaries; this by the Committee of Park Inspection.

"We-no-it!" was the feature of activities in the Boy Scouts' camp at Cedar Lake. Any camper who was able to identify fifty objects of nature might become a member of this club of ardent naturalists. The sixty-seven boys who spent the entire period in camp made a remarkable record; each of them learned every bird in the exhibits from the Children's Museum, and each passed all nature tests! Every one of two hundred and fifty boys learned to recognize twelve birds in the field; here the Museum specimens were an effective link to books of reference. For general interest and accomplishment in natural history, the Cedar Lake Camp made an enviable record: ninety out of the possible one hundred points—third place in the whole park!

Mrs. Marjorie Coit, Director of the Camp of Girl Scouts, says,

"Our nature lore department was the most successful one in the Brooklyn Girl Scout Camp. The specimens sent us from the Children's Museum were a great help, and the reference material was invaluable. These ****** meant the success of our work this year."

Mr. W. K. Whitford, Boy Scout Councillor in Natural History, kindly writes in concluding his report on the summer's work in the Cedar Lake Camp,

"These things would not have been possible without the splendid cooperation of the Children's Museum. Every boy felt the great influence of nature study so wonderfully interpreted through their specimens. Every boy is deeply grateful."

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WOODCRAFT IN THE LITTLE LODGE

Two hikes through the lovely woodlands surrounding Silver Lake, Staten Island marked the beginning of the fall program of the Brownies. Twenty lively youngsters met their leader the morning of October 11, ready for the long trip. They returned with specimens of brilliant mountain sumach and crimson leaves of the pin oak.

Due to continued activity through the summer no special effort has been required to launch the fall program of these young but enthusiastic Woodcrafters. Old members returning to Council after a long vacation have evinced regret that they were forced by the plans of their elders to forego the advantages of our summer councils and of our Field Trips. It was a wise plan to parallel these two activities. Children who became interested in the Museum through the field trips, found in Woodcraft

TESTING MINERALS FOR A SCOUT REPORT

an immediate means of making their connections permanent. Two of these earnest young naturalists are Nathan and Simon Pollack. Unconsciously they will join with us in concentrating on that part of Woodcraft in which we are most interested—the nature work.

Our two Little Lodge tribes will soon reach the attendance limit of fifty members each; an average attendance of more than thirty members having been in order for the past three weeks. A full council ring increases the spirit of competition so necessary where returns in work actually done are required from the young.

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It is remarkable and inspiring to observe the enthusiasm of the Brownies when Scout reports are in order. Osage oranges, scarlet leaves, prickly chestnut burs, and the inevitable slug or worm are brought forth in Council with all the dignity and ceremony attending the presentation of a doctor's thesis. It is a real triumph to find the little wight breaking through his habitual scorn of "this nature stuff" with a naive report concerning the untimely death of a young sparrow which fell from a fire escape into his back yard.

VISITORS AND REQUESTS FOR PUBLICATIONS

There is a constant demand for our publications. The Wilton Park Museum at Batley, England asks for printed matter that will help them start a Junior Museum Club. A packet of printed leaflets requested for the Harvard University Summer School was distributed in the classes of general science teaching. Mrs. Alma Durant Bixby, Kindergartner of Fairbanks, Alaska, having read a description of the Museum loans requests us to send her sample specimen exhibits.

Two distinguished visitors have been especially welcome: Dr. F. A. Bather, Keeper of Geology in the British Museum ,London and Dr. Katashi Kakinuma of the South Manchuria Railway Library, Darien, Manchuria.

Dr. Bather is a friend of many years' standing. He gave the Curator valuable suggestions for her tour of the Museums of England in 1904. Since that time, in his service on the editorial staff of the Museums Journal, the organ of the Museum's Association in England, he has written notes about our work which have brought many inquiries from remote parts of the British Empire.

"I feel at home in this place," he said as he went about among its rooms, "I know it so well from your publications which I always read carefully."

Dr. Kakinuma informed us that the Children's Museum is well known in Japan and highly rated in educational circles.

Mr. Herbert Reiner, Assistant Agricultural Agent of the Worcester County Extension Service, called at the Museum recently to place his name on our mailing-list and to inform us that his visits to the Museum with his school class, when a young boy, gave him the early love for natural history which determined his life work.

Miss Gertrude Gillmore, Curator of the Children's Museum of Detroit, in a recent letter to our institution, speaks in high praise of our bird collection and its exhibition. The Detroit Museum has happily enjoyed such growth that it is now to have a home to itself in a property recently acquired.

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SCOUT NEWS

As in former years, the Girl Scouts are coming in large numbers to attend special lectures in preparation for their second class nature tests and also to take those tests. Miss Marguerite Mayer is in charge of all work with Scouts through the generosity of the Woman's Auxiliary and will respond to inquiries of captains and individuals who need help the Museum can give. She may be reached at the Children's Museum, Telephone Lafayette 2780. Several troops have found it profitable to arrange for tree walks in Bedford Park. On the last walk in October, Miss Mayer noted the alertness and enthusiasm of the Scouts with real pleasure.

Regular lectures in preparation for second class nature tests for Girl Scouts will be given in the Museum as follows:

Second Friday of each month at 7:30 P. M.

1924		
November 14	Birds and Animals	Lecturer to be obtained
December 12	Trees	Anna B. Gallup
1925		
January 9	Animals	Lecturer to be obtained
February 13	Wild Flowers and Trees	Marguerite Mayer
March 13	Birds	Lecturer to be obtained
April 10	Trees	Lecturer to be obtained
May 8	Birds and Animals	Marguerite Mayer
June 12	Wild Flowers	Lecturer to be obtained

Scouts who have not passed the test on Trees and Wild Flowers will find the lectures on these subjects helpful preparation.

Tests will be given on Animals and Birds as follows:

Third Friday of each month	7:30-9:30 P. M.
Third Saturday of each month	9:30 A. M. to 12 M.

Our work with Scouts promises a considerable expansion in the near future. In cooperation with the Brooklyn Headquarters of the Boy Scouts of America, we are arranging courses of instruction planned to prepare Scouts for their first class tests and merit badge tests. The splendid resources of the Children's Museum will be utilized freely in both lectures and tests.

A new feature of the first class nature work will be a series of informal, illustrated lectures to Boy Scouts, in preparation for their first class tests, which will be given in accordance with the following program:

First Friday of each Month.

1924		
November 7	Constellations	D. F. Goerz Assistant Curator, Children's Museum
December 5	How to Know the Trees	Anna B. Gallup Curator, Children's Museum

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1925		
February 6	Birds of Long Island	Arthur H. Helme Ornithologist, Brooklyn Museum
March 6	Native Wild Animals	George P. Engelhardt Curator of Natural Sciences, Brooklyn Museum
April 3	Constellations	Arthur J. Brooks Brooklyn Institute of Arts and Sciences
May 1	Birds of Field and Forest	Lester L. Walsh President, Bird Lovers Club of Brooklyn, N. Y.

First class nature tests will be given in the Museum every fourth Saturday 9:30 A. M. to 12 M.

The merit badge work also naturally falls into the two phases of instruction and examination. For this purpose members of the Museum Staff have qualified as instructors and as expert examiners. The Scouts are to be congratulated in that the Museum in this connection has obtained the cooperation of qualified experts to take care of certain other subjects in which the Museum does not specialize. Examinations will be given, by appointment through Boy Scout Headquarters, in the following subjects by examiners whose names appear in connection therewith.

Bee Keeping	A. B. Gallup
Bird Study	M. Mayer
Chemistry	D. F. Goerz
Electricity	D. F. Goerz
Forestry	A. B. Gallup
First Aid	Mrs. Edward Trosset
French	M. Mayer
German	D. F. Goerz
Insect Life	R. S. Deck
Mining	E. A. Campbell
Photography	F. A. Perret

The Museum and the Scouts wish to express their thanks and deep appreciation to the lecturers and examiners whose generous cooperation is making this work possible.

The program of instruction for merit badge tests for the month of November is as follows:

First Aid	Thursdays, 3:30 P. M., November 6, 20.
Electricity	Thursdays, 3:30 P. M., November 6, 13, 20.
Chemistry	Saturdays, 2 P. M., November 8, 22.
Mining	Saturdays, 2 P. M., November 1, 15.
Bird Study	Saturdays, 3:00 P. M., November 1, 8.
Bee Keeping	Saturdays, 3:00 P. M., November 15, 22.

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LIBRARY NOTES

Members of the various organizations for young people, whether Boy Scouts, Girl Scouts, Woodcrafter's, or Camp Fire Girls, are cordially invited to make more extended use of the helpful books and magazines, which may always be found in the Library of the Children's Museum. The fact that the Library is for reference use only, may prove a real advantage, since all the books are always available for examination and study.

Every Scout and Woodcrafter finds frequent need of knowing more about birds and animals, flowers and trees. He will therefore be glad to learn that there is no library in the city better equipped to aid him in this respect. If the Scout is desirous of earning merit badges, or the Woodcrafter is working for coups and degrees, he may discover many valuable books about a variety of interesting subjects.

Come and see for yourselves how much this Library can help you in getting data about Astronomy, Civics, Conservation, Craftsmanship, Electricity, First Aid, Forestry, Handicraft, History, Insects, Mining, Personal Health, Photography, Public Health, Radio, Seamanship, and Taxidermy.

A letter was lately received from Miss Grace Coit Meleney, a former member of the Staff of the Children's Museum, and at the present time a teacher in the Morris High School, New York City. Miss Meleney writes as follows: "I am anxious to make a list of books for children of first year high school to read week-ends for pleasure, rather than for scientific study... Would you like to contribute some suggestions for such lists?"

In answer to this request, we gladly selected from our shelves, the titles of thirty books, including stories of animals, outdoor life, farm life, and travel books.

The Library has received a valuable addition to its scientific books entitled "The Vesuvius Eruption of 1906: Study of a Volcanic Cycle" by Frank A. Perret. This wonderful story of Mount Vesuvius was published this summer by the Carnegie Institution of Washington, and gives a graphic and complete account of Mr. Perret's observations during a long period of years. The volume is fully illustrated with photographs made by the author, who gives, in several cases, three comparative views on a single page.

We count ourselves most fortunate in being the possessors of an autographed copy of this interesting and exhaustive study of volcanic phenomena.

We invite attention to a recent valuable addition to the Library in eight volumes entitled "How Plants are Trained to Work for Man." The last volume includes an Autobiography of the Author, Luther Burbank, and an Index to the Series. Each volume is illustrated by numerous full-page colored plates, which give a touch of realism to the descriptive text.

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LECTURES

Grades 7A or 7B: **Physical Geography** — Tuesdays, 4:00 P. M.

November 4 Special Lecture (See below)
11 " " " "
18 Winds and Rains
25 Volcanoes and Hot Springs — **D. F. Goerz**

Grades 5A or 5B: **Historical Stories** — Wednesdays, 4:00 P. M.

November 5 Evangeline
12 The Lady of The Lake
19 Benjamin Franklin: The Apprentice Lad
26 The Life Story of U. S. Grant — **D. F. Goerz**

Grades 8A or 8B: **Electricity** — Thursdays, 4:00 P. M.

November 6 The Laws of Magnetism
13 The Electromagnet
20 The Electric Bell
27 Thanksgiving Day: No Lecture

Grades 6A or 6B **Motion Pictures** — Fridays, 4:00 P. M.

November 7 Trip Through Roosevelt's Country
14 This is The Life (The Cunard Line)
21 Fire Prevention
28 The Panama Canal from a Sea Plane — **D. F. Goerz**

For All Grades: **A Trip Through Europe** — Saturdays, 10:30 A.M.

November 1 The Land of The Midnight Sun
8 The Country of Dikes
15 France of Yesterday and Today
22 Life in The Alps — **D. F. Goerz**
29 The First Thanksgiving — **A. B. Gallup**

Primary Grades: **Nature Study** — Saturdays, 2:30 P. M

November 1 Birds: The Champions of The Farmer — **M. Mayer**
8 Birds: The Protectors of The Forest — **M. Mayer**
15 The Honey Bee — **A. B. Gallup**
22 A Bee Colony and its Work — **A. B. Gallup**
29 The First Thanksgiving — **A. B. Gallup**

For All Grades: **Special Lecture** 10:30 A. M and 2:30 P M.

November 4 When Old New York was Young — **D. F. Goerz**
11 The World War — **D. F. Goerz**

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THE Children's Museum has long felt the need of a symbol—something distinctive, something beautiful, something typical. Two generous and very loyal friends have brought about the production of this symbol, and have presented the seal and a die to the Museum. Ample and sincere praise at the hands of critics of art has been bestowed upon the design. We are glad that its vigor and comprehensiveness are to represent the Children's Museum, and that we have as our real and helpful friends, the donors, Doctor and Mrs. T. Mortimer Lloyd.

Throughout all time peoples have felt that their most intense devotion could be better expressed through symbol than through realism. The thoughts of the ancients, therefore, first found spoken expression in parable and metaphor, later developing into what we now know as the earliest form of literature, the hieroglyph. The connection between this and pictorial art is very close. Indeed, all pictorial art is to a degree hieroglyphic. So in designing the seal for the Brooklyn Children's Museum, I was obliged to turn to the past and try to reach toward the future in its symbolism.

Such an advanced ideal as the Children's Museum carries must needs be portrayed by the pictorial language of modernism. But today is an outgrowth of yesterday, and leans heavily upon it while pointing to the future, and recognized symbols of the past should help in its expression.

The ideas and ideals of the Brooklyn Children's Museum are wide in their scope. They point more to the universal than to the particular. It was this spirit which I sought to bring forth in the seal.

The enclosing, circular shape of the seal relates to the ancient form for entirety. The conception of Ariel, the spirit or sprite of childhood, emerges as the central theme of the design, clothed with light, the irradiant power of the universe, as he stands encased in a star. Behind is the black disc of the earth bounded by a conventionalized design of water.

Thus we have Ariel of the upper air; the stellar universe—fire; and our own planet as earth, with water, the element, surrounding it. Without is lettered the name of our institution.

ISABEL L. WHITNEY

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THE WILD CAT

name that smacks of the primeval!
The first figure in the series of animal home-life groups is similarly alluring to little boys and girls and to their parents who pursue them through the halls and among the cabinets of the Children's Museum. Sinewy legs tense, back arched, lips drawn back in an ugly snarl, and yellow eyes glaring coldly, he is inevitably a savage at bay.

"Catamount" he is sometimes called, and a cat-of-the-mountain he really is, although he once ranged very generally through the deep forests of eastern North America. Well deserved persecution has depleted the ranks of his kind until now he haunts only the dark mountain-sides of the real backwoods, and the tangled cane-brakes of Louisiana and the

Photograph by R. S. Deck

"THE DARK MOUNTAINSIDES OF THE REAL BACKWOODS . . . . ."

Carolinas. Bob Cat he is named for his short stub tail, and Bay Lynx out of deference to the reddish suffusion which marks his coat. In our most northern forests a larger species is found, the Canada Lynx. "Lynx," the etymologist tells us is akin to the old Anglo-Saxon "light," having reference to the animal's uncanny keenness of vision. Maybe the reference is more plausibly to the power of "quick-as-a-cat" movement. With regard to our species I have met an interesting belief among the mountaineers of certain of the the wilder Appalachian regions. Here the male is a hypothetical, long-tailed creature known either as a panther or a catamount; the short-tailed animal, the admitted wild cat, must needs be a female. Male bob cats are, of course, frequently taken, and

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no one *clearly* remembers having seen a long-tailed cat. But the myth survives; probably it is a dim link to the days when mountain lions were often seen.

The coat is gray, spotted softly along the lower sides with black; the ears are erect and thinly tufted. The feet are typically cat-like, broad and deep-padded; they bear the owner noiselssly through fallen leaves and twigs, lightly over thin-crusted snow where most creatures of such size would flounder helplessly. The shapely body bespeaks agility and strength. The weight varies rather remarkably with individuals; an unusually large specimen is reported to have weighed thirty pounds.

The wild cat is a relentless killer of our finest wild life. He will haunt the feeding grounds of a flock of wild turkeys until every bird is slaughtered, or the terrified survivors move to other regions. The ruffed grouse is a *piece de resistance;* winter and summer, it too is found in greatest number in inaccessible forests, where the species pays a heart-breaking toll of eggs, chicks, and mature birds. Cottontails, along the edges of briery mountain fields, and snowshoe rabbits in the deep woods are ample items of wild cat diet. Sometimes a bob cat will crouch on a limb for hours, diligently watching a squirrel hole to snatch up the occupant if he ventures forth. Lambs are sometimes killed from remote hillside flocks, and chickens are filched when they stray too far into the brush. The mountaineer with his string of steel traps has one most effective ruse for taking the wild cat. He shoots one of the half-wild hogs which roam the mountains; near the carcass he places a number of traps, concealed beneath dry leaves. Lured by the odor of blood and flesh, one or often a pair of cats will step between fatal trap jaws in a single night. During cold weather a "set" of this kind is effective for several weeks. In the twilight of early morning and in evening dusk the bob cat hunts, stalking—crouching to spring on hapless bird or beast very much after the fashion of the domestic cat. Seldom does he make pretense at following prey by scent. He is like the house cat also in a hideous cruelty which loves to torture a captive bird or mouse. The wild cat occasionally gives vent to a gruesome scream, *yang! yang!* twice or three times repeated. So sudden and so penetrating it is that any nearby creature betrays its presence with a frightened jump, and is straightway pounced upon and gripped in murderous claws. Returning late at evening through mountain hollows, from wild turkey haunts, I have heard the *pat, pat* of cushioned feet as a bob cat slunk through the shadows only a few yards away, stalking by our side sometimes for more than a mile. Often the wild cat hunts in pairs, and one follows on either side of a party of hunters. Now he growls and spits in a way that makes one feel anything but comfortable, withal the wild cat will never attack a human being. This act is a futile perversion of an instinct to stalk anything with palatable flesh.

In mid-spring a cozy nest of moss and dry leaves is prepared in the hollow of an old tree, under a rocky ledge, or in a shallow cave. Here are born from two to four blind kittens. The mother is devoted to her babies and is ferocious in their defense.

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Like all of his tribe, the bob cat is very much of a sneak. He will flee before the tiniest dog and if pushed hard will climb to the top limbs of a leafy tree—if such a one be at hand—and crouch in silence to await the coming of the hunter with his rifle. If cornered though, or if defending its young, there is hardly another animal of its size so fierce and able a warrior. Only the strongest and most experienced hunting dog is anything like a fit match. The enraged creature "fights like a wild cat." Onto its back it goes, sharp teeth tearing at the enemy throat. The hind legs flash back and forth as the long, steel-like claws rip open the paunch of the adversary. Two or three strokes from those claws will disembowel any animal of equal size!

RAYMOND S. DECK

IN THE BUSY BEE ROOM

Several small diamonds embedded in their natural matrix of "blue earth" are now part of an exhibit at the Children's Museum. The specimen came from the Kimberly Diamond Mines in South Africa, and is the gift of a good friend, Mr. Julius Wodiska.

The diamond, Queen of all gems, is composed of carbon, and must therefore acknowledge relationship to such lowly substances as coal, graphite, and soot. These latter substances are composed of carbon in an uncrystallized state, whereas the diamond is a crystal of carbon. The "blue earth" containing diamonds is found in "pipes" which are believed to be the craters of extinct volcanoes. Somehow, carbon existing deep in the earth's interior has been changed from a soft, black substance to a hard, brilliant gem.

The diamond is the hardest of all known minerals; therefore it will cut any other mineral. For this reason, diamonds unfit to be used as gems are often employed as the cutting agent in rock drills.

The diamond owes its rank among gems chiefly to its hardness and its brilliance. The clear, colorless variety is the most valuable, although diamonds do occur in shades of blue, yellow, green, and pink; and black specimens are not infrequently found.

THE LECTURES

A steady stream of children from all parts of Brooklyn swelled the October lecture attendance to 5,752. This is nearly 600 more than in any previous October. So great a tax has the lecture work become for Miss Goerz alone, that it has been necessary for Miss Edith A. Campbell, Docent, to relieve the Lecturer to the extent of one lecture a day. And this is added to her already congested program of club activities and museum games! The talks for November, as we go to press, augur

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the attraction of large numbers, eighty lectures having been scheduled for the month. Unfortunately, a number of classes applying for dates already filled, have been disappointed, but every effort is being made that our lecture facilities may be at the disposal of the greatest possible number of boys and girls. To this end it is requested that teachers engaging the Lecture Room bring no fewer than 100 children. This is the capacity of the room. It is efficiency both for the schools and for the Children's Museum.

Our sincere thanks and deep appreciation are extended in this issue of the NEWS to the friends who have delighted the Museum children with talks on special topics. Miss Margaret K. Austin of Public School No. 2 described "A Trip through Scotland." Miss Austin not only guided her young audience to true landmarks but engendered a real Scottish atmosphere by telling of one of the oldest clans, to which her family belongs. Flavor was also in a picture of Miss Austin's home in the province of Ayr and near that of Robert Burns. It is the only thatched cottage in the village other than that of the poet.

On Armistice Day, Mrs. Marion Lounsbury Foster, Director of the Home Service Section of the American National Red Cross, talked of "The World War." Her vivid story of her sojourn in Brittany, when war was first declared and when her anticipated pleasure trip suddenly changed into a long period of unremitting toil in the service of refugees from Belgium, was breathlessly received by an audience of more than two hundred in the Lecture Room. A hundred more children seated on the floor in the Bird Room waited a full half hour until a motion picture released Mrs. Foster to give her second talk to this enthusiastically expectant group.

To Mr. James O'Connell, Inspector of the Bureau of Fire Prevention, we are grateful for a very practical talk. Mr. O'Connell made vivid to his hearers some of the dire results of childish carelessness with fire.

The Children's Museum now has a collection of large, beautifully colored sheets of muscovite from the mines in Minas Geras, Brazil. The collection was presented by Mr. Antonio Nunes de Almeida.

Muscovite is silvery in color and exhibits red, green, and purple hues when held up to the light. It has the property of splitting into thin sheets which is its chief distinguishing characteristic. In these sheets it is transparent; consequently in regions where it is difficult to obtain glass it is used for windows. In Russia it was formerly used in this way and called Muscovy glass.

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THE WOMAN'S AUXILIARY

COUNCIL OF STANDING COMMITTEES

The Council of all Committees met for a Luncheon-Conference and to hear reports of work accomplished, on October the twenty-fourth, at the Brooklyn Woman's Club. The Council was held under the auspices of the Speaker's Bureau, of which Mrs. Havens Brewster Bayles is Chairman. In her absence, the Secretary of the Bureau, Mrs. William H. Abbott presided. The purpose of the Council is to effect a closer unity and understanding among the committees working in various ways for the upbuilding of the Children's Museum.

Mrs. Charles A. Soper, Chairman of the Membership Committee, spoke of the record made by this group of women organized eight years ago as the pioneer Committee of the Auxiliary. The personal service they have rendered through these years laid the foundation of the Auxiliary, building up its supporting membership to its present large numbers. Mrs. Soper said further, that the monthly luncheon meetings in the homes of the members have served to keep this group together and promote a spirit of good fellowship.

Mrs. Richard M. Montgomery Jr. represented the Speaker's Bureau. She spoke sincerely of the devoted service of the mmbers of this branch of the Auxiliary. For six years they have answered every call from Schools, Churches, Mother's Clubs, and Settlements. The enthusiasm with which these calls for speakers are met is an outstanding feature of the work of this Committee. Miss Anna Billings Gallup, the Curator, presented a full report of the work in the Museum. The Scouts and the Woodcraft children, under the special care of the Americanization Committee, have had a record summer and early fall, both in attendance and in accomplishment. The report of the success of the Camp Museum, equipped with materials from the Children's Museum, was most gratifying. The picture Miss Gallup presented of the hundreds of children who are coming with ever increasing demands for the benefits of the Museum, eagerly seeking inspiration and guidance, thrilled the listeners and stirred them with a renewed sense of dedication to the cause to which they all are loyally devoted. Luncheon, during which plans for the winter activities were eagerly discussed, was served to twenty-five people.

MEMORIAL FOR MRS. SEITZ

On the afternoon of October twenty-fourth, a gathering of club friends and co-workers of the late Mrs. Don Carlos Seitz, met in her memory and to pay her due tribute. This meeting was held in the Brooklyn Woman's Club under the auspices of the Committees of the Woman's Auxiliary of the Children's Museum upon which Mrs. Seitz had served. Mrs. John J. Schoonhoven presided. Music was provided by Chiropean, and a solo, "Hill Top," was sung by Mrs. Walter S. Leigh, accompanied by Mrs. Amelia Gray-Clark. The words of this song were written by Miss Mildred Seitz. Mr. Herbert F. Gunnison, a life long friend, and various representatives from the Clubs with which Mrs.

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Seitz was affiliated, spoke with deep feeling of the meaning of her personality and her unselfish service to humanity, especially to children. The meeting throughout was characterized by deep feeling and a sense of gratitude for the privilege of having had Mrs. Seitz as a friend, a leader, and a co-worker.

MEMBERSHIP COMMITTEE

The October meeting of the Membership Committee was held at the home of Mrs. Frederick J. Austin. The Secretary, Mrs. Chapin, motored five hundred miles to be in her place and to give her report. Ten sat down to luncheon which preceded the business meeting. The report of the Membership Secretary, Mrs. Austin, showed that the dues of members had been paid with unusual promptness, and only a few were outstanding. A number of new members were reported, the total membership of the Auxiliary on October first being 1,466.

At the second meeting of this season, November the fifth, Mrs. Charles T. Estabrook and Mrs. Floyd S. Neely acted as joint hostesses in their new home at 1387 Dean Street. Ten members assembled for luncheon and the brief business meeting which followed. Mrs. Charles A. Soper gave her report as representing the Committee at meetings of the Board, of the Council, and the meeting in memory of Mrs. Seitz. Miss Gallup, the Curator, reported in detail the Museum activities for the month showing the intensive use of the Lecture Room and the Woodcraft Room and record attendance in all departments. Every facility of the Museum is taxed to its utmost to meet the ever increasing demands of the children. Four new members were reported, one a Sustaining Member, Mrs. Alvin Edgar Ivie.

CHANGES IN THE OFFICIAL FAMILY OF THE AUXILIARY

The resignation of Mrs. Frederick L. Jenkins as Secretary of the Woman's Auxiliary was received with deep regret by the officers and Executive Board at the October meeting. Mrs. Jenkins was a charter member of the organization and has been Secretary from the beginning, a period of eight years of continuous service. Her records afford a perfect history of the Woman's Auxiliary.

The members of the Board are fortunate in securing Mrs. Richard M. Montgomery Jr. to succeed Mrs. Jenkins in this important office. Mrs. Montgomery took her place on the Board on November the fourteenth. The new chairman of the Americanization Committee is Mrs. W. Leroy Coghill, whose substantial devotion to the Children's Museum has continued since the beginning of the Auxiliary.

In accepting the resignation of Miss Minnie Brock, the Board noted her great service to the Museum in having secured the late Mr. Charles K. Knowlton as a Patron. Miss Brock's place on our Board is to be filled by a member, whose connection with the Americanization Committee has been characterized by generous and active service, Mrs. James M. Moody.

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WOODCRAFT DOINGS

The more ardent boy and girl naturalists about the Museum are members of Woodcraft. Five healthy, growing Tribes are here. The younger of the disciples of the Museum—boys and girls less than twelve years old—are of the Little Lodge; Brownies they are called. Those who know nature better and who have known her longer, sit in Councils of the Big Lodge. A Council is impressive and woodsy even when cold and wet weather compels that it be held indoors. One large room of the Museum really belongs to Woodcraft. Here a red Council Fire burns and about it the members of Woodcraft sit in decorous Council. From the Council Rock the Chief directs proceedings. Interesting bits of nature lore are recounted by their interested observers; clean, vigorous games are played, and love of nature and good sportsmanship grow. The Children's Museum has a real background of friendliness, among exhibits which teach lessons that the finest boys and girls must learn; thus it is a fitting place for Woodcraft. At present the scope of the Museum is sadly hampered by available space which is all too little. Three or even four of the exhibition halls must often do makeshift duty for Councils, and here too, is a risk to costly specimens! During the month of November, two hikes in the environs of Hollis Woods held the very spirit of Woodcraft, and enthusiastic Brownies were out in numbers. In the first of these, a lively outdoor Council was held under the blue sky and in the yellow sunshine of a fall day. Scout reports here were many and spirited. Scarlet dogwood berries and the beautiful blue-black drupes of the haw were only items in the long array of seeds and fruits collected. In these also is food for much study during winter months. More Saturday hikes will be of the Little Lodge:

Veekeerdakill	Maratanza		
Girl Brownies	Boy Brownies		
December 6	December 13	Central Park	Fare 10 cents
January 3	January 10	New York Zoological Park	" 10 "
February 7	February 14	Metropolitan Museum of Art	" 20 "
March 7	March 14	Baisley's Pond, Long Island	" 20 "
April 4	April 11	Forest Hills, Long Island	" 20 "
May 2	May 9	Silver Lake, Staten Island	" 30 "
June 6	June 13	Palisades Interstate Park	" 30 "

All hikes except those of June sixth and thirteenth leave the Children's Museum at ten-thirty in the morning; the exceptions, at nine-thirty.

Councils are held in the Big Lodge:

Mo-ge-we-tu (Boys), Friday evenings at seven-thirty.
Enabandangs (Girls), Friday evenings at seven-thirty.

And in the Little Lodge:

Veekeerdakill (Boys), Thursday afternoons at three-thirty.
Maratanza (Girls), Wednesday afternoons at three-thirty.

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SCOUT SCHEDULE FOR DECEMBER

Girl Scouts

Second class Nature Work

Instruction

Friday, December 12 — 8:30 P. M.
Trees—Anna B. Gallup

Examination—Birds and Animals

Friday, December 19 — 7:30 P. M.— 9:30 P. M.
Saturday, December 20 — 10:00 A. M.—12:00 M.

Boy Scouts

First class Nature Work

Instruction

Friday, December 5 — 8:30 P. M.
How to Know the Trees—Anna B. Gallup

Examination

Saturday, December 27 — 10:00 A. M.—12:00 M.

Merit Badge Work

Instruction

Astronomy
Saturday, December 6 — 2:00 P. M. — Miriam S. Draper

Bee Study
Saturday, December 6 — 3:00 P. M. — Tenny H. Wheatley, M. D.

Electricity
Thursday, December 4 — 4:00 P. M. — Dorothy F. Goerz
Thursday, December 11 — 4:00 P. M. — Dorothy F. Goerz
Thursday, December 18 — 4:00 P. M. — Dorothy F. Goerz

First Aid
Thursday, December 4 — 3:30 P. M. — Mrs. Edward Trosset, R. N.
Thursday, December 18 — 3:30 P. M. — Mrs. Edward Trosset, R. N.

Forestry
Saturday, December 13 — 2:00 P. M. — Marguerite Mayer

Insect Study
Saturday, December 13 — 3:00 P. M. — Raymond S. Deck
Saturday, December 20 — 2:00 P. M. — Raymond S. Deck

Mining
Tuesday, December 2 — 3:30 P. M. — Edith A. Campbell
Tuesday, December 16 — 3:30 P. M. — Edith A. Campbell

Photography
Saturday, December 20 — 10:00 A. M. — Frank A. Perret

Examinations in the above subjects by appointment through Scout Headquarters.

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LIBRARY NOTES

The annual visit of the Library School of the New York Public Library was made on the afternoon of October 31. The class of thirty-five students was under the guidance of Miss Alice Higgins, this year, and included a native of China, and representatives of various parts of the United States. In accordance with the usual custom, a talk about the work of the Children's Museum was given to the students by the Librarian, after which the exhibits were duly inspected, and a cup of tea was enjoyed in the Woodcraft Room.

We were indebted to Mrs. Dean C. Osborne for beautiful chrysanthemums which were displayed on the Library tables and in the Woodcraft Room. As the afternoon chanced to be Hallowe'en, a touch of festivity was lent by the addition of crepe paper to the decorations.

A week later, on the afternoon of November 7, the Brooklyn Public Library Training Class for Children's Librarians paid us their annual visit. In this small group, escorted by Miss Marion F. Schwab, were a young woman from Norway and a resident of Canada.

For the benefit of this class, also, the Librarian briefly sketched the history of the Children's Museum since its opening twenty-five years ago, and alluded to the One Hundredth Anniversary of the Founding of the Brooklyn Institute of Arts and Sciences. The latter had its beginnng when the "Apprentice's Library Association" was incorporated in 1824, and later became known as the "Youth's Free Library," the first free library for Brooklyn children.

The recurrence of Children's Book Week, November 9 to 15, 1924, was observed in the Library. Several attractive posters and slogans, contributed by the National Association of Book Publishers, were used to advantage. For example:—The forceful poster "Find It in Books, Books Give Information, Knowledge, Power" was supplemented by a list of thirty Good Books for First Year High School Reading; while the suggestive slogan "Every Real Home Has Books" was added to the attractive posters "Let's Read Together," and "More Books in the Home."

Valuable hints for a wider use of the Library were given in this wise: "What Interests You Most? We can Show You Books on the Subject;" "Good Books for You to Read;" and again, "We will Help You Plan a Reading Course."

On the first day of Children's Book Week, Dr. Angel Maldonado of Lima, Peru, was much attracted by our exhibit of posters, especially one entitled "Good Books Build Character." He asked where he might secure similar posters for his native city.

On the following day, the attention of the Mothers' Club, connected with Public School Number 88, Queens, was called to the opportunity which this Library freely offers to all parents in the selection of books as gifts to their children.

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LANTERN TALKS

For Young People

Eighth Grade		**Electricity**	Thursdays
December	4	The Rheostat and Transformer	
	11	The Dynamo and the Motor	
	18	Fuses and Connections	
Seventh Grade		**Domestic Science**	Tuesdays
December	2	Coal From Mine to Bin	
	9	Plant Products for City People	
	16	The Story of Iron and Steel	
Sixth Grade		**Motion Pictures**	Fridays
December	5	Corrective Footwear	**Dr. H. A. Gartner**
	12	Courtship of Miles Standish	
	19	Æsop's Fables	
Fifth Grade		**American History**	Wednesdays
December	3	About The French And Indian War	
	10	The Struggle For American Independence	
	17	The Struggle .....Part II.	
All Grades		**A Mediterranean Cruise**	Saturdays
December	6	The Northern Shore	
	13	The Southern Shore	
		Nature Study	
December	6	The Bee Hive	**Tenny A. Wheatley, M. D.**
	13	Concerning Insects	**Raymond S. Deck**
		Special Talk	
December	20	Marley's Ghost	**Anna B. Gallup**

All talks except those of Saturdays are at four o'clock, P. M. All Saturday talks are at three o'clock except the two of the Mediterranean Cruise which are at 10:30 A. M., and "Marley's Ghost" which is given at 10:30 and again at 3:00. All talks are given by Miss Dorothy F. Goerz unless otherwise stated.

TO REACH THE CHILDREN'S MUSEUM

Bedford Park

Brooklyn Avenue and Park Place

From Manhattan: Interborough Subway to Kingston Avenue Station. Lexington Avenue Line must change at Nevins Street.

From Williamsburg Bridge: Nostrand or Tompkins Avenue surface car to Prospect Place.

From Brooklyn Bridge: 1. Fulton or Bergen Street surface car to Brooklyn Avenue. 2. Fulton Street Elevated train to Tompkins Ave.

From any Brooklyn-Manhattan Transit Subway Station: Subway to Atlantic Avenue; then Bergen Street surface car to Brooklyn Ave.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. XII. BROOKLYN, N. Y., JANUARY 1925 No. 4

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The ancients of Greece were an imaginative people, loving and understanding beauty in a way which has been the marvel of the ages. They have handed to us, through the long vista of centuries, some of our most sublime visions. Everything, to them, was a thing artistic and godlike. A breeze was a mild and gentle fairy-god; the sun, a chariot of fire; and death, a black, surging river.

Pan was not one of the mighty gods who lived on the summit of sacred Mount Olympus. Rather was he "Of the earth, earthy." Roaming through forests he went, among rocky crags, over sunny fields, and through the flowers and grasses that fringed Grecian lakes. In the latter place he was wont to gather long, hollow reeds. From these he fashioned pipes which poured out most wonderful music. Wherever he went, their plaintive notes rang out, and birds and frogs and little furred animals came from their secret haunts to play and dance to the sweet warblings of the Pipes of Pan. Because he loved animals so greatly, Pan took a kindly interest in shepherds with their hillside flocks.

Strange to say, Pan was thought to be of grotesque form. Legs and hoofs he had like a goat; long, shaggy hair, and a curling beard. On his forehead were two diminutive horns, and his voice—as might be expected —was deep and terrible. Travellers along the gloomy forest roads had utter dread of meeting this fantastic deity in the half-light of evening, and a fancied glimpse of him threw the simple rustic into a *panic* of fear —and the word is still with us.

Pan came eventually to symbolize the whole host of Greek divinities, and at the birth of Christ, we are told, a great wail arose and trembled throughout the Isles of Greece, for

"Phoebus' chariot course is run!
Look up, poets, to the sun!
Pan, Pan is dead"

and the Olympian gods and goddesses were dethroned.

Jonathan Scott Hartley, an American sculptor, conceived of a Pan with all of the sylvan grace and attractiveness of the Grecian fancy, and with none of the ugliness. His interpretation is rather daring, and is thoroughly delightful. A young, radiant Pan, dainty, and quite human has dropped his pipes, and plays happily with a rabbit which the piping has drawn to his side. A turtle and a frog have come too.

Hartley's creations are always vigorously imaginative. His work received world-wide recognition. "Pan" was awarded a gold medal at the Chicago World's Fair, in 1893. This beautiful bronze has belonged to the Children's Museum since October of the past year. It is the gift of Mrs. Rodney Fiske, of Freeport, Long Island.

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IN THE VOLCANO ROOM

Mr. Perret was putting finishing touches on the exhibit:

"Mister, why did that smoke come out sideways?" a boy asked.

"Well," he was told, "it was probably because that particular crater was blocked up on one side by the splashes of lava, deflected by the wind and solidified against the crater wall. It really meant something to me, for you see I lived in the hut shown in this next picture, and it was only about two hundred yards from the crater. It so happened that the side-pointing crater was aimed directly at the hut, so every time there was a good explosion from the crater, the rocks rattled on the roof—or on our heads mayhap, if we chanced to be outside.

"One night things became interesting! I slept—!— in a little bunk which was the lower berth; my man, Salvatore, slept above me, so he was nearer the roof and had the worst of things. Would come a roar like the Last Day—then an earthquake shock which made one yearn for springs in his bed. After a little came the stones, little and big, rattling and banging not two feet from Salvatore's head; one, with a thump which made him cry to all the saints for protection. 'Never fear, Salvatore,' I comforted, 'it will be worse at midnight!' But I didn't imagine how *much* worse. We had to go out and keep on our feet because the river of flowing lava, moving sixteen feet every second, was overflowing its banks far above us; any turning of the streams from their course might have swept away the hut in a few minutes.

"That is the hardest thing to bear in a great eruption;" said Mr. Perret reminiscently, "the loss of sleep!"

"Why is an eruption greatest at midnight?" the boy wanted to know.

"Good! I am glad you ask that," was the answer. "It is because the sun and moon are then in opposition—full moon—and their united pull (and this makes high tides in the ocean too!) acts strongly on a volcano in eruption. Therefore, at midnight and at noontime we look for greater activity, because one or the other is overhead, and they are pulling together through the earth in the direction of the volcano. All of the worlds are connected by this wonderful force we call gravity."

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Drummer was a ruffed grouse. From the bottoms of his feet—which were feathered to the toes—to the crest of his cocky head, he was just a sturdy chunk of strong muscles, keen nerves, and pride. He loved the murky forests and sunny woodlands which were his home. Except for others of his kind he had no friends, and his enemies were legion.

It was early spring. The mountains lay in a pale green blur of dainty, breaking buds. Here and there was the red haze of a blooming maple, and clouds of feathery catkins were yellow-green splashes. Dawn was just strengthening into day; the crest of Hickory Mountain was lighted with orange as the sun peeped up. Far down the mountainside on a branch of a scrub oak, Drummer turned his head to look sharply about; then stood erect on his roost, and very much like a little brown chicken, stretched to its full length first one wing and then the other. *Prr-r-rt!* he snapped; *prr-r-t! prr-rt!* Then he leaped into the air and flew on silent wings up to the ridge of the mountain. Lighting on a rocky ledge, Drummer looked about warily; then fell to scratching industriously in the leaves for the few acorns and beechnuts which remained after a long, cold winter. At the base of a red, rotting stump, he unearthed a number of fat grubs. Tender buds and shoots were to be had in plenty. He fed at leisurely gait along the mountain top. Drummer waxed comfortable.

On a little knoll where the sun traced a thin-checkered pattern of warm light, a huge tree trunk lay damp and spongy, on its weather-worn sides a lacy fretwork of flat, green moss. Onto this log Drummer hopped. He paced its length a couple of times, peering cautiously into the woods about. The view was reassuring. A gray squirrel sat on a stump fifty feet away, noisily chiseling the shell from a hickory nut; a big, black and white woodpecker with a scarlet crest beat a crashing tattoo on a hollow chestnut tree; far down in the hollow, a snowy fog was rising like a curtain, disclosing the forest primeval—and vanishing. Vanity and happiness surged through the brown bird and he puffed out his

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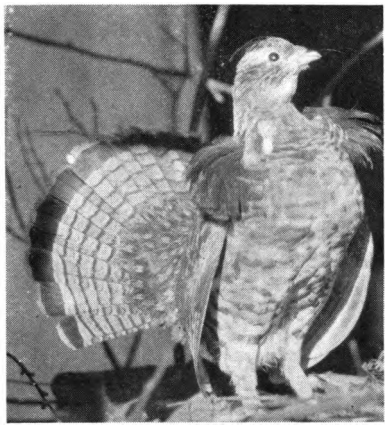
feathers until he looked twice his real size. Up went his crest, and his ruff of black-purple feathers stood out, a handsome collar. His tail he spread wide, and raised to its full splendor of an orange fan barred with inky-black. And Drummer strutted, vain and impressive, as only Drummer could. Wings trailing almost on the log, he pranced about; chest stuck out and head drawn back, he marched pompously up and down, stepping high, intent only on displaying to a doubting world, form and feathers unsurpassed! He stood still, of a sudden, and began to beat his wings up and down. *Thump! Thump!* they sounded as the strong, stiff wings pounded the air, lifting him nearly clear of the log, and spinning him half around of their very force. Again he minced along the log, more vain and arrogant each moment; wheeling, stepping with dandified gait. Drummer was fairly bursting with pride. *Thump!* thundered his wings again. Faster they flashed until they were only a blur, and the dull booms of the earlier strokes trailed off into a muffled roar. *Thump! thump! thump! rup! rup! rup-rup-rup-rr-r-r-r!* This was Drummer's love song.



Among the gray beech saplings a few hundred yards away a little brown hen listened admiringly. And with a coyness and an oh-how-you-startled-me air not confined to her species, it chanced that she wandered into the vicinity of the drumming log. How Drummer bowed, and wheeled, and strutted when his sharp eyes spied the demure little lady! Love at first sight! and for days Mr. and Mrs. Drummer roamed the mountainsides together, roosting at night among the black boughs of the hemlock. Often during sunny days Drummer mounted his log and pranced, and boomed his love song. Once a rival chanced into the arena of this performance, and blood and feathers strewed the ground before the younger bird fled, beaten and sore, into the brush.

To be concluded

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NOTES

In response to an invitation from Dean Florence Purington, of Mount Holyoke College, Miss Gallup, on December the thirteenth, addressed a group of students on Opportunities in Museum Work. The meeting was held in Skinner Hall, at Mount Holyoke, and was one of a series conducted by the Appointment Bureau and Student Vocational Committee of the College, for the purpose of putting before undergraduates possible openings, for them, other than teaching, in the professional and business world. Many of the young women, who have had training in biology, were enthusiastic listeners. During an inspection of the biological laboratories, under the guidance of Dr. Ann Morgan, Head of Department, Miss Gallup discovered a series of colored, life-like casts of turtles, salamanders, and frogs which had been executed by the senior class as a part of their training. Recognizing it promptly as excellent material for indoor nature study in camp museums, she was able to interest Dr. Morgan in placing it eventually for the instruction of Girl Scouts.

During the spring, a teacher in one of the Brooklyn schools brought her eight year old son to the Museum. The boy became greatly interested in the study of minerals and started a collection of his own. In the summer he and his parents were at camp in New England. The boy continued to collect minerals—and interested his young friends in them. His mother recently brought to the Museum the collection of rocks and minerals made by her small son. The mother, being a teacher of a fourth grade class, finds that her pupils are intensely interested in minerals and rocks; and is passing on to them the knowledge gained by studying with her son.

A general idea of the Museum's service to visitors in 1924 may be gained from these figures:

Total attendance	161,926
Readers in the Library	59,789
Lectures	42,016
Directly instructed through Children's Museum League, Tree Club, Scouts, Woodcraft, and Summer Field Trips	10,000

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WOMAN'S AUXILIARY

THE AMERICANIZATION COMMITTEE

The Americanization Committee held its first bi-monthly Luncheon-Conference of the season at the Museum on November the twelfth, Mrs. W. LeRoy Coghill presiding. Mrs. I. Sherwood Coffin, President of the Auxiliary, and Miss Marguerite Mayer were guests of the Committee. Miss Anna Billings Gallup, Curator, described the crowded conditions in every department of the Museum. Miss Mayer outlined her work with the Scouts and the Woodcraft tribes, for these are the especial interest of this Committee. The Committee heard in detail of her busy Friday evenings when groups are meeting in several rooms of the Museum. Miss Mayer cordially invited the Members of the Committee, and their friends, to attend these councils and the other gatherings to see the children busy at their chosen activities. An informal and enthusiastic discussion followed Miss Mayer's report, stressing the widespread influence of the Museum in the lives of young people. Over and again Children's Museum experience gives boys and girls contact with real things in the world of nature, gives them their first glimpse of what there is to know beyond the limits of a restricted environment. The imagination is stirred, ambitions awake, and important decisions of a life grow out of contacts made within the stimulating atmosphere of the Museum.

BENEFIT

The Annual Fall Benefit—a Bridge and Mah Jong Party—was a notable success from every point of view. The Grand Ball Room of the Hotel St. George was filled to overflowing with enthusiastic friends of the Children's Museum. The Card Party, held under the auspices of the Officers and Executive Board assisted by the Standing Committees, was the largest event of the kind in the history of the Auxiliary. Two hundred and fifty tables were set up. The good things which loaded the cake and candy tables at two o'clock proved so tempting that by five there was not a crumb unsold. Even the decorations of huge baskets of chrysanthemums from Mrs. Dean C. Osborne's conservatory were sold at the last, to add to the profits of the day.

The Auxiliary acknowledges gratefully the cordial support given this Benefit by all of its members, and by many other friends of the Museum. This support coupled with the enthusiastic service of the active Committees made the financial returns highly gratifying.

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The Officers and the Executive Board beg to express their particular appreciation of the help and cooperation of two distinguished friends of the Children's Museum, Mr. Wilford Conrow, of New York, and Dr. Glentworth R. Butler. Both good friends rendered special service that contributed to the success of the Benefit. On November twenty-first, the Speakers' Bureau held its first regular bi-monthly meeting at the home of Mrs. John H. Hallock. At the request of the Chairman, Mrs. Havens Brewster Bayles, Mrs. Charles A. Soper presided. Reports of the work of last spring and the early fall showed much activity on the part of the Bureau. The apportioning of the work among the Members, according to their various tastes and talents, was discussed at length. The consensus of opinion was that there is a large field of usefulness for the Bureau among the Mothers' Clubs of schools, kindergartens, and settlements. The Committee was delightfully entertained at luncheon by the hostess. Ten members enjoyed this pleasant function, with Mrs. I. Sherwood Coffin as the guest of honor. Many unusual and interesting experiences were told by members of the Bureau.

OBJECTS COLLECTED IN SUMMER ARE VALUABLE FOR STUDY IN WINTER

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SCOUT AND WOODCRAFT NOTES

Classes in merit badge instruction, the new phase of our work with Boy Scouts, are showing healthy signs of growth in numbers and in spirited response. Dr. Tenny A. Wheatley, in the Bee Keeping class, proved that a most successful nature study lesson can be carried on indoors. By virtue of his practical experience in the care of bees and a contagious enthusiasm for his subject, he instilled in the boys so high a pitch of interest that, long after their allotted hour, they crowded around his table examining the bee hive and bee keeper's equipment, which had illustrated his talk, and plied him with rapid questions. Only the janitor's peremptory whistle at five o'clock, the closing hour, restored to any one present the consciousness of the flight of time. Mrs. Edward Trosset has a good word to say for the boys taking first aid. Examinations for merit badges in the various nature subjects have proved a pleasure rather than an added duty to members of the museum staff. It is gratifying to question in bird study a boy who has an observation list of 250 birds! Miss Campbell, our docent and mineralogy "wizard," is constantly besieged by requests for help in the identification of minerals found in the field.

The attention of those Boy Scouts interested in the bird study merit badge is called to the bird walk planned by Mr. Lester Lewis Walsh for the second Saturday afternoon in January. Only those neophytes truly interested need apply. A light step and a well-controlled tongue are prerequisites.

Girl Scouts have been responding in active numbers to the multiple appeal of the Children's Museum. Five troops were represented in the group that heard the December lecture in second class nature instruction.

Forty girls and three captains organized under the Queens Council found the lecture on trees so helpful they have decided to make their next visit to the Museum an all day party.

Our winter nature walks in spite of raw weather have been well attended by the Brownies, smallest of Woodcrafters. A lively group went to Central Park in early December. They added several species to their list of permanent tree friends; the elm, which traces with its delicately pendant twigs so exquisite a design against the sky; the gaunt oak holding in stiff defiance of wind and storm its rough and angular branches. The horsechestnut, they knew by its rich, glossy buds set opposite on coarse, thick twigs and by the compound dip of its massive limbs. They easily remembered the gray, streaked bark of the sinewy hornbeam. Though their attention was particularly called to trees, these wary Brownies located a pair of downy woodpeckers and espied the striped crown and tell-tale gray markings of a white-throated sparrow.

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SCOUT SCHEDULE FOR JANUARY

Girl Scouts

Second Class Nature Work

Instruction
Friday, January 9 — 8:30 P. M.
Animals—Marguerite Mayer

Examination—Birds and Animals
Friday, January 16 — 7:30 P. M.— 9:30 P. M.
Saturday, January 17 — 10:00 A. M.—12:00 M.

Boy Scouts

First Class Nature Work

Instruction
Special appointments made with groups, Call Lafayette 2780

Examination
Saturday, January 24 — 10:00 A. M.—12:00 M.

Merit Badge Instruction

Astronomy		
Saturday, January 17,	2:00 P. M.	Miriam S. Draper
Bird Study		
Saturday, January 10,	1:00 P. M.	Lester L. Walsh
Saturday, January 31,	3:00 P. M.	Marguerite Mayer
Bird Walk		
Saturday, January 10,	2:00 P. M.	Lester L. Walsh
Chemistry		
Saturday, January 24,	11:00 A. M.	Lecturer to be announced
Saturday, January 31,	11:00 A. M.	
Electricity		
Thursday, January 29,	4:00 P. M.	Evelyn Duval
First Aid		
Thursday, January 15,	3:30 P. M.	Mrs. Edward Trosset, R. N.
Forestry		
Saturday, January 17,	4:00 P. M.	Marguerite Mayer
Friday, January 23,	4:00 P. M.	Motion Picture
Saturday, January 24,	3:00 P. M.	Marguerite Mayer
Saturday, January 31,	2:00 P. M.	Marguerite Mayer
Insect Study		
Saturday, January 10,	3:00 P. M.	Raymond S. Deck
Saturday, January 24,	2:00 P. M.	Raymond S. Deck
Photography		
Friday, January 16,	3:30 P. M.	Frank A. Perret, K. I. C.
Taxidermy		
Saturday, January 3,	1:00 P. M.	Raymond S. Deck

Examinations in the above subjects by appointment through Scout Headquarters.

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LIBRARY NOTES

Unusual interest centered around the celebration of Thanksgiving, this year. One of the first inquiries came from the Model School for a representative play relating to the harvest festival. "How Thanksgiving Came to November" was considered by the teacher to be the most satisfactory play obtained by any of her pupils, but a prologue was desired in addition, in order to make it seem quite complete. Accordingly, a suitable poem was provided to meet this need.

One day, a group of twenty girls from Public School Number 83 copied Thanksgiving poems, and the pupils in the Training School for Girls, Pacific Street, came several times for a similar purpose. On one occasion, when three classes from Public School Number 173, under the guidance of their teachers were spending the day at the Children's Museum, the suggestion that *some* of the children might like to copy Thanksgiving poems, was eagerly accepted by all of them. Inasmuch as only a small number of the boys and girls could be seated in the Library at a time, they came in relays to write. Nevertheless, each of the ninety-one children went home the happy possessor of a desired Thanksgiving poem.

Mrs. Donald McLean, Head Worker at the Columbia House Settlement, brought a group of eighteen girls on a very stormy Saturday, for their first visit to the Children's Museum. The girls listened with much pleasure to the Thanksgiving Lecture and enjoyed the pictures and books in the Library, in addition to the many attractive exhibits of the Museum.

In accordance with our holiday custom, the Library was again trimmed with festive garlands, and with cheery pictures of Christmas trees and Santa Claus. One of the bulletins suggested the Meaning of Christmas by its exhibit of Madonna pictures with the Infant Christ. Mrs. Lloyd's beautiful poem "A Christmas Dream" had a place on the walls together with Hoffmann's charming portrait of the Christ-Child. The lists of Christmas books included "Christmas in Other Countries," plays, poems, songs, stories, and games, all of which were in frequent use. In answer to their inquiries, some of the children were given designs for making Christmas cards and posters.

On the afternoon of December 6, a class of eleven alert boys, who belong to different High Schools and are members of various Troops of Boy Scouts, attended their first conference in preparation for the merit badge test in Astronomy. The movements of the planets and their present locations were discussed and carefully noted by all of the boys; also, the most conspicuous constellations were studied with the aid of star maps.

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LECTURES

Eighth Grade		**Light**	Thursdays
January	8	What Is Light?	**Miss Evelyn Duval**
	15	How the Eye Takes Pictures	
	22	Harnessing Light	
	29	Electric Light in the Home	
Seventh Grade		**Natural Resources**	Tuesdays
January	6	Treasures from the Mines	
	13	The Forest Vanishes	**Marguerite Mayer**
	20	Farms of Today	
	27	Treasures from the Sea	**Marguerite Mayer**
Sixth Grade		**Motion Pictures**	Fridays
January	2	Kilauea Volcano in Action	
	9	From Cocoon to Spool	
	16	A Gulf Stream Playground	
	23	From Tree to Home	
	30	King Cotton	
Fifth Grade		**Geography**	Wednesdays
January	7	Our Neighbors in Canada	
	14	Under Old Glory	**Marguerite Mayer**
	21	The Panama Canal	
	28	South America	
All Grades			Saturdays
		Scenic Wonders of the United States	
January	3	The Grand Canyon	
	10	Yellowstone Park	**Anna B. Gallup**
	17	Yosemite Park	**Anna B. Gallup**
	24	In the Rocky Mountains	
	31	Our Wonderful East	**Marguerite Mayer**
		Nature Study	
January	3	Furred Animals in Winter	**Anna B. Gallup**
	10	Some Six-Legged Animals	**Raymond S. Deck**
	17	Where Are the Insects?	**Marguerite Mayer**
	24	Trees in Winter	**Marguerite Mayer**
	31	Birds on the Snow	**Marguerite Mayer**

All talks except those of Saturdays are at four o'clock, P. M. Of the Saturday talks, those of the Scenic Wonders series are at ten-thirty, A. M.; those of the Nature Study series, at three o'clock, P. M. The four stories of Light are given by Miss Evelyn Duval, of The Western Electric Company. All talks are by Miss Edith A. Campbell unless otherwise stated. Motion pictures are subject to change without notice.

TO REACH THE CHILDREN'S MUSEUM

From Manhattan: Interborough Subway to Kingston Avenue Station. Lexington Avenue Line must change at Nevins Street.

From Williamsburg Bridge: Nostrand or Tompkins Avenue surface car to Prospect Place.

From Brooklyn Bridge: 1. Fulton or Bergen Street surface car to Brooklyn Avenue. 2. Fulton Street Elevated train to Tompkins Ave.

From any Brooklyn-Manhattan Transit Subway Station: Subway to Atlantic Avenue; then Bergen Street surface car to Brooklyn Ave.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum, Bedford Park

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. XII. BROOKLYN, N. Y., FEBRUARY 1925 No. 5

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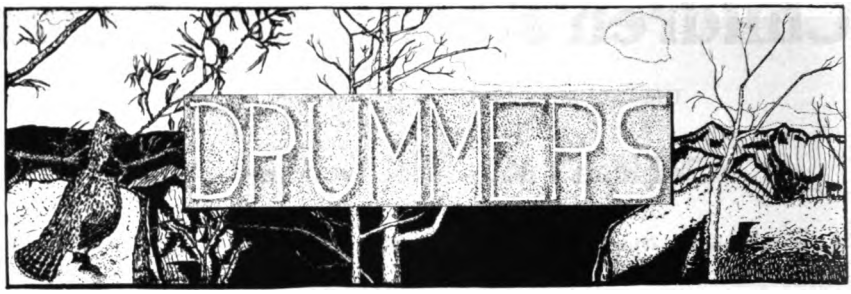

Concluded

Came a day when Mrs. Drummer drifted away by herself, looking nervously about, eager and alert. At the foot of a massive, black log far from the jealous, prying eyes of her mate, she scratched a shallow cup in the black soil. Brown needles she gathered from the shadow of a giant white pine, a half dozen dry oak leaves, and a few wisps of grass. The hollow in the earth became a well-nigh invisible nest which before many days held twelve beautiful, buff eggs, splashed and dotted with pale brown. The hen saw Drummer no more. Days and nights she sat quiet on the nest, eggs tucked under her warm breast; she left them for a scant half hour each day to peck up buds, and an occasional insect.

Nearly four weeks passed; the eggs were shiny, the beautiful chestnut splotches quite rubbed off, when one day a diminutive *peep!* sounded from beneath the mother bird, and a baby beak cracked an egg shell. Late that afternoon a gaunt mother grouse stepped from the nest and clucked to twelve fluffy, yellow-brown balls.

Long, busy days followed for the grouse with her family of scampering chicks. Sometimes she heard Drummer, maybe far away, or perchance quite close, but his weird thundering now interested her not at all. A cold, drizzling rain, which lasted for two days, killed three of her brood; a fox snapped up another when, a quarter grown, it ventured too far from the protection of the mother's watchful eyes and warning call. Once a streak of slaty feathers swooped from the boughs of a sugar maple, and a slim hawk bore a struggling baby away.

When autumn came and the forest glowed with frost colors, Drummer joined his family. Together a bevy of nine plump, happy grouse wandered through the woods. Long since had the young birds learned to crouch in the leaves and remain unseen though almost at the foot of an enemy. Well they knew the art of bursting into flight so sudden and furious that the roar of their wings quite disconcerted a foe. Flying into a tree at the approach of a fox or a wild cat, they would sit close to the trunk, heads high in the air, mimicking almost perfectly, knots or broken branches.

Indian summer had come; the mountains lay in a veil of blue haze; the air was fragrant with the aroma of a distant forest fire. In an open patch of brush and sunny second growth, the family of grouse were

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loitering; two youngsters were reveling in a dust bath in the warm loam of a rotting log. Grasshoppers, wintergreen berries, and chestnuts were a luscious repast for the others. Suddenly Drummer crouched, frozen with terror. Two soft brown eyes were fastened on him, not more than six feet away, and a lithe, black and white body stood tense, quivering muzzle pointing toward him. *Prrt!* called Mrs. Drummer gamely, and every bird froze in his tracks.

A clattering through the saplings, and two men stood expectant behind the dog; on their arms they carried strange tubes of blue steel. There was a swift patter of running feet—*whirr-r-r-r!* Three of the younger birds burst into the air; then another, and two more, until only Drummer remained. As the birds flushed, had come sharp reports from the tubes of steel and Drummer's heart pounded, for he well knew the hunter with his murderous gun. The dog moved up a pace. On thundering wings Drummer leaped into the air. Bang! the gun roared, and a film of blue smoke drifted away on an autumn breath of air. A half dozen brown feathers puffed out, and Drummer felt a blinding crash of pain.

The dog trotted up to where lay in the leaves, a handsome, brown bird with cocky crest raised, and tail spread in death agony, like a beautiful orange fan. The little feet — feathered to the toes — were clutching spasmodically, and strong wings threshed a frantic tattoo on the ground.

Drummer's history was ended!

RAYMOND S. DECK

An increase in our appropriation from the City has made it possible to restore to our staff an important, full time position which was reduced to part time during the War. Mr. Raymond S. Deck, Curator of Natural History, has come into the Museum world through deep interest in Natural History and love of the many activities to which that subject leads. Born in West Virginia, the son of a college professor, Mr. Deck has been a student of nature and a collector since boyhood. In Wesleyan College, Buckhannon, West Virginia — from which he received the degree of A. B. in 1921 — he completed all of the courses offered in the biological sciences. As principal of the Williamsburg (West Virginia) High School from 1921 to 1924, he strengthened and developed the courses of study in the natural sciences, organizing the results of his pupils' and of his own enthusiastic collecting into the first high school natural history museum in West Virginia. His passion for nature has led him into graduate work both at Cold Spring Harbor, Long Island, and at Columbia University. Mr. Deck is a contributing editor of "Wild Life" and has been otherwise active in the doings of the West Virginia Conservation League. His sympathetic understanding of the needs of children is a substantial addition to the many other gifts he brings to a museum career.

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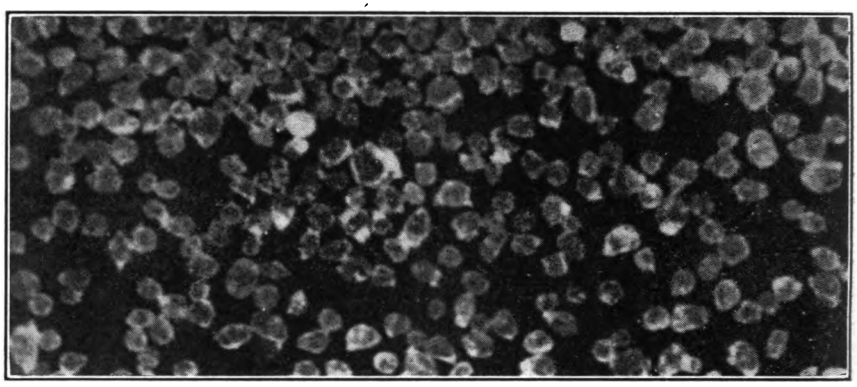
IN THE VOLCANO ROOM

"Little Pearls"—"Tiny Bubbles"—"Glassy Beads"—"What in the world can they be?" ask children with eyes glued to the glass cabinet cover above a magnifying lens. Under the glass is a fine, white powder strewn upon a black background.



MOST WONDERFUL VOLCANIC ASH

It is the most wonderful, volcanic ash which has ever been seen! It was found floating upon the sea, hundreds of miles from the volcano Katmai, in Alaska, after the Eruption of 1912. A glassy lava in the interior of the volcano had become so charged with gas held in solution, that when it was liberated it lifted itself into the air as a froth composed of billions of tiny, individual bubbles. These, by reason of some specific condition, probably electrical, effected perfect separation from one another. They hardened in the air as perfect, little, hollow spheres, remarkably uniform in size. These little bubbles explode with violence when heated.

Not realizing its great value to science, the men of a United States Revenue Cutter which was exploring the region after the Eruption, collected only a bit of this remarkable lava. Strenuous efforts have been made to analyze the very small amount of gas which it contained, but the quantity is probably too small for the purpose. Thus has been lost an opportunity of ascertaining what gases this lava held in solution — an opportunity which may never come again.

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NOTES

Motion pictures can now be used in every day's lecture program if our visiting classes request them. An increase in our appropriation from the City of New York has enabled the employment of a licensed motion picture operator on full time. The Museum film library already affords a selection of about fifty titles which are always available. To these, new subjects are being added. Other films on educational topics will also be exhibited on motion-picture lecture-days and by special arrangement with the Curator of Education, Miss Dorothy F. Goerz.

On the afternoon of Saturday, January 10, a hundred and fifty young people left their coasting on the icy banks in Bedford Park, to listen to a Children's Museum Lecture, of a brand-new sort. An hour before the principal appeared, an excited throng of boys and girls were waiting for Gai-I-Wah-Go-Wah, a real American Indian of Sioux blood. Mr. Albert Freeman—as he is known in everyday life—appeared in native costume. He proved a delightful entertainer and instructor — a man with a polished platform personality. Gai-I-Wah-Go-Wah could talk none but Indian dialect until nineteen years old; until seventeen years old he never saw his face in a mirror. Tales of his boyhood on the Western Plains, of the Indians' animal friends, and of the way Indian children receive their names, fascinated the audience. He sang tribal songs and Indian prayers in a fine, resonant voice. Very happy young people, in numbers which much more than filled the lecture room, felt that the program which extended fifteen minutes beyond the closing hour, was over, all too soon.

At Astoria, Long Island, lives an enthusiastic young mineralogist, Oldric Labell, who is just finishing high school. A couple of months ago this young man came to the Museum for the first time. Since then, he has paid a number of visits. A note to Miss Campbell, of the staff, not long ago asked for data on sixty-seven specimens of his collection, which he was bringing to the Museum. The Museum considered it a real tribute when he said on a recent visit, that the friendly help which the Children's Museum gave, was more encouraging than any he had been able to get from other sources; and that he always looked forward to coming to Brooklyn and the Museum.

What a tonic effect to see again, through the eyes of a new group of young people, the fascination of the Children's Museum! It was indeed stimulating to witness the appreciation of Mrs. W. M. Osborn, Local Director, and her twenty Girl Scouts who came from the Oranges to spend the second Saturday of January. The girls, all of them members of the Patrol Leader's Association, were markedly courteous and attentive as they visited the exhibit rooms, and listened to the talks which amply filled their day. In detail, the program planned for them was an illustrated tree talk; a walk through the Museum with our Docent; attenddance at a motion picture depicting the beauties of the Grand Canyon; lunch and cocoa in the Woodcraft room; in the afternoon a bird talk given by Mr. Lester L. Walsh, and before the long trip home, a visit to the Library.

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SCOUTING AND WOODCRAFT AT THE MUSEUM

On Friday nights, there is none of the formal, academic atmosphere, typical of museums, to be found in our little building. In the first place, we are too crowded to be dignified, in the second, too busy to be formal. A visitor dropping in during the evening of December 12, would have carried away an impression of wholesome and instructive activity. A score of Boy and Girl Scouts taking nature tests in the Library; Woodcrafters in the Geography and Woodcraft Rooms; and members of six Brooklyn troops attending, in the Lecture room, a talk on Trees, illustrated by our beautifully colored lantern slides. And the Friday after New Year's, in spite of a heavy snowfall delaying neighboring car-lines, forty young people came to the lecture and councils at the Museum!

The Scouts are fast learning the efficiency of calling Lafayette 2780 for special appointments. Although the regular schedule keeps us quite busy, we are pleased to help out by forming extra classes. More than thirty Scouts were so accommodated in the past month.

During the Christmas season the spirit of jollity and good fellowship ran high in the Little Lodge. For this holiday exuberance of pep, a long cherished Pow Wow provided the happy outlet. Fifty little people with varying ideas of just what happened to one at a Pow Wow, came, some with cake and candy, all with great expectations. The cake and candy along with a few unpretentious prizes seemed to the staid, adult eye the rather meagre embellishment of the usual grand council. But not so the Brownies! Pow Wow, that mysterious term, had worked its peculiar charm. Old songs were sung with a new gusto, old games played with extra zeal. Shall we confess and say that the nature reports suffered? There was an air of preoccupation in the face of the little fellow offering for observation, his Catalpa pod. Eyes invariably travelled to a side table holding goodies, and restless feet were eager for action.

The Enabandang tribe, a new group of junior Woodcraft girls meeting at the Museum on Friday evenings is beginning to achieve identity. Learning the ways of nature bids well to be their engrossing interest. This tendency is gratifying in an assemblage of young people, the majority of whom have never marked a Horse-chestnut tree in bloom! On their first nature walk, taken through the woods of Van Cortlandt Park early in December, they collected a goodly number of seeds, pine cones, and winter buds.

On the evening of the first Friday of every month, a council fire is burned by Tsungani Tribe under their new guide, Mr. Raymond S. Deck. Tsungani Tribe is made up of young men who retain, while in high school and college, the active interest in natural history which has brought them very often to The Children's Museum, for a number of years.

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SCOUT SCHEDULE FOR FEBRUARY

Girl Scouts

Second Class Nature Work

Instruction—Wild Flowers and Trees
Friday, February 13, 8:30 P. M. Marguerite Mayer

Examination—Birds and Mammals
Friday, February 20, 7:30 P. M.— 9:30 P. M.
Saturday, February 21, 10:00 A. M.—12:00 M.

Boy Scouts

First Class Nature Work

Instruction—Birds
Friday, February 6, 8:30 P. M. Arthur H. Helme

Examination
Saturday, February 28, 10:00 A. M.—12:00 M.

Merit Badge Instruction

Astronomy
Saturday, February 14, 2:00 P. M. Miriam S. Draper

Bird Study
Friday, February 6, 8:30 P. M. Arthur H. Helme
Saturday, February 21, 1:00 P. M. Lester Lewis Walsh

Bird Walk
Saturday, February 28, 2:00 P. M. Lester Lewis Walsh

Chemistry
Saturday, February 14, 3:30 P. M.
Saturday, February 21, 3:30 P. M. Dorothy F. Goerz

Electricity
*Thursday, February 5, 4:00 P. M.
*Thursday, February 19, 4:00 P. M.
*Thursday, February 26, 4:00 P. M. Dorothy F. Goerz

First Aid
Thursday, February 5, 3:30 P. M.
Thursday, February 19, 3:30 P. M. Mrs. Edward Trosset

Forestry
Saturday, February 21, 2:00 P. M.
Saturday, February 28, 1:00 P. M. Marguerite Mayer

Insect Study
Saturday, February 7, 2:00 P. M. Raymond S. Deck

Mining
Saturday, February 7, 1:00 P. M.
Saturday, February 14, 1:00 P. M. Edith A. Campbell

Taxidermy
Saturday, February 7, 3:00 P. M. Raymond S. Deck

* These classes are open to the public.

Special appointments may be made by calling Lafayette 2780.

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THE WOMAN'S AUXILIARY

"As adults we greatly underrate the importance of the first decade of our existence; our attempts to reform the race are so belated as partially to explain our sad disappointments."

The New Year of 1925 dawns bright with promise for our organization, our work for the Children's Museum. We look ahead to days of growth and expansion and to the realization of some of the dreams that have stirred us through the years to earnest endeavor. This year, with its brilliant and alluring prospect, may well begin with resolutions for greater devotion, on the part of every member, to the development of the Children's Museum. Not forgetting this forward look, we may also find profit in a glance backward over the road we have travelled to our present position in 1925—our eighth New Year. Some one has said, " 'Tis greatly wise to commune with our past hours and ask them what report they bear." It may also be wise in this backward look to ask ourselves if we have kept faith with the aspirations of the founders of the Auxiliary who began this work with high hopes and far-flung plans.

Certain convictions and ideals which inspired the small group of women who formed the original Executive Board have been guiding principles in the development of the Auxiliary. First and most important of all was the realization of what the Children's Museum had meant in the lives of the children who had grown up under its influence. Immediate enthusiasm was aroused by the realization that with increased equipment and enlarged facilities, the work the Children's Museum could do for the city children would be unlimited in its possibilities. "The First Children's Museum in the World" here in Brooklyn should therefore be made to grow in material resources and improved equipment until its influence would be felt in the life of every Brooklyn child. We knew that already in other cities in this country and abroad, the work of this Brooklyn institution was quoted and copied. This propaganda of the Children's Museum should be extended by a system of constant publicity through every available channel. The Woman's Auxiliary should be a link forged between the Children's Museum and the public here and elsewhere, that every one might realize the power of its ideals, and the protection thrown about childhood in its atmosphere. Brooklyn women should be impressed with the privilege that is theirs of increasing and making more effective the tested means through which it serves the community. The Woman's Auxiliary was founded with these high and unselfish purposes, offering its members nothing more than the privilege of service—the honor of having a part in helping the Children's Museum to carry out its educational program and to broaden the scope of its activities.

Another basic principle of the Auxiliary is that women have no greater responsibility, no more important concern than the education of children and the adequate defense of their mental dwellings. Herein lies the secret of wholesome upbringing and the hope of the future. "The

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eternal debt" of the grown-up world, to children, is opportunity and education. "Paid in full" can never be written across the page of this bill of indebtedness. It is not enough to provide adequate food and clothes for the physical body of the child, to see that he is kept in well ventilated and sanitary surroundings, important as these may be. There is a hunger of the mind and the spirit that must be satisfied with the incoming of those right ideas which alone give protection from unwholesome influences. Miss Anna B. Gallup, Curator-in-Chief of the Museum, has expressed this in metaphor, "To the filtering of the water the child takes physically should be added the filtering of the ideas that reach and surround him, that the adequate nutriment and protection of his mind may lay the foundation for economical and efficient education." This work is not charity; it is not a work of repair, making up for waste and neglect. It is a labor of up-building, adding to the assets of the body social and the body politic. No state rises above its citizenry, and the making of useful citizens, equipped and ready to meet the future and its problems, is the most important duty of the men and women of to-day. The child of promise must bear the burdens and solve the problems of the future. For leadership, for progress, we look to the youth with health, gifts, and training—the youth whose mental home has been safeguarded and prepared. That the Children's Museum is doing its magnificent share, among the many beneficent forces of the community, to insure this protection to children is clear to any one who makes a study of the Museum program, in all its variety, and follows the results of its operations.

The founders of the Auxiliary were also moved by the conviction that in our national consciousness, insufficient thought and attention have been given to the needs of children. In general, people think in small terms for children and in large terms for adults. Since the first years of life are the formative years, these should be filled with every opportunity for the development of correct tastes and right standards. The Children's Museum's great contribution to this end consists in taking care of the leisure hours when the child elects what he will do and expresses himself. Children need the best and must be given only this in thought and presentation. Less time in later years would be lost in undoing careless habits and in correcting wrong standards, if the first years of vivid impressions were more carefully safeguarded. It was the hope that this principle could be promulgated in so forceful a way that it would become widely understood and accepted and that as a result the community would give to the Children's Museum that generous support which would enable it to give every child of Brooklyn access to its rich stores of knowledge and inspiration.

Still another conviction lay deep in the consciousness of the founders of the Auxiliary,—the great need of city children for a knowledge of nature and the out of doors. Shut in by brick and mortar, the city child has a strange, distorted view of the real world of nature. Birds, flowers, insects, minerals, in words and pictures are vague concepts. Real things mean much to children—to touch, to see and to handle an object spell knowledge not to be forgotten. The senses thus are trained—and

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the usefulness of the boy or the girl and his capacity to enjoy life and give happiness to others are vastly enhanced. The ability to observe and understand the world of nature, through the intimate association that the child enjoys in his own Museum, adds a thousandfold to his equipment for useful living. Here is joy, entertainment to be had without money and without price, a gift no vicissitudes of fortune can take from him. No matter where he goes, he is never lonely, never bored, for the riches and fullness of the earth and sky are his to enjoy—and unlimited means are at hand for interest and occupation at all times, everywhere. This kind of vital experience with real things gives the child the priceless gift of the love of nature and is the keystone in the arch of the Children's Museum training.

How far then have we kept faith with these aspirations and how far have we travelled on the road to the accomplishment of all these plans, so clearly outlined in the minds and imagination of those women who first conceived the idea of a Woman's Auxiliary for our Children's Museum? From the first small group who drew up our Constitution and By-laws, we have grown to a membership of fifteen hundred women representing every part of Brooklyn Borough. The Children's Museum Loan Collection-Franklin W. Hooper Memorial has been established and is rapidly coming into fruition. Museums in minature, these groups are going out from the parent institution, carrying a message of beauty and knowledge to children throughout the Borough. We are maintaining an assistant in the Museum, who supplements the Museum program of lectures by special service to Scouts and to Woodcraft Tribes. The Museum is open on Friday evenings for lectures and instruction to groups who cannot come during the day. In the summer, children who must stay in the city are taken on Field Trips under trained guidance. Hikes and trips into the open to study birds, trees, flowers and insects are a part of the yearly program. The collection of lantern slides and motion picture films has been materially increased. Through the persistent effort of the Auxiliary and its friends, the Smith property across the street has been acquired by the City of New York for a new Park. We hope soon to see operations begun on the remodeling of the mansion standing thereon to afford an annex to the present building—an outlet for the growing activities.

The Woman's Auxiliary is proud to have the privilege of working for this Museum—founded by the Trustees of the Brooklyn Institute of Arts and Sciences with its high and progressive ideals, and guided throughout its history by the farseeing policies of the Governing Committee of Museums. The Woman's Auxiliary also feels pride in the list of its accomplishments—but more important is the lure of what remains to be done and the work that looms large in the immediate future. When the City of New York completes this new Museum, a temple for the education of children, with ample room and with facilities to welcome every visitor and to answer his eager questions in his first, halting steps on the road to knowledge and understanding; when this outward, visible symbol of an inner conviction becomes a reality, that will be the day of fulfillment!

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LIBRARY NOTES

The year 1924 may well be counted a busy year in the history of the Library. As there is always a certain fascination in figures, we note that the total attendance for the year was 59,780, which for various reasons, exceeded the number of visitors during the previous year by 3,454. But the year 1921 reached a still larger total—63,018, the highest annual attendance thus far.

As frequently happens, the month of March was the banner month of the year, with a record of 7,074, while the month of September had the smallest quota, 2,937 readers. There were many days when the number of readers ranged from 300 to 450, taxing the limited space to the utmost.

After a long interval, it was our pleasure to welcome recently the members of the Audubon Bird Club of Erasmus Hall High School, which has been for several years under the charge of Miss Elizabeth M. Tompkins. The club frequently visits Prospect Park to study birds, and was therefore much interested in the Bird Room of the Museum. Naturally, their attention was called to the list of November Birds Seen in Prospect Park by Mr. L. L. Walsh. The members examined with interest many of our beautifully illustrated bird books.

At the December meeting of the Bird Lovers' Club of Brooklyn, an informal address was made by Mr. Edward Fleisher, a charter member of the club. Mr. Fleisher touched upon the "Christmas Bird Census" which has been made annually for many years throughout this country and Canada, and then discussed some of the changes in the bird life of this vicinity from early times to the present.

The subject of "Extinct and Extirpated Birds of the New York City Region" was presented at the January meeting of the club by two members, Mr. and Mrs. Charles E. Boehrer, and was illustrated by numerous pictures from the Library files. Mr. Arthur H. Helme contributed valuable information gathered through a long and varied experience.

New Year's Day brought to the Library for the first time an interested group, who reside at Cambridge Place. The children enjoyed reading such books as "Happy Children," "The Sunbonnet Babies' Book," and "The Overall Boys;" but as their father had been a classmate of Louis Agassiz Fuertes at Cornell University, the parents were especially attracted to Mr. Fuertes' illustrations of birds and flowers in the Burgess Books for Children.

Among the new books which have been added to the Library recently is a beautiful volume entitled "The Children's Bible." The text contains stories from the Old and New Testaments written in "the language of the child," by Henry A. Sherman and Charles Foster Kent. The Psalms are in metrical form. There are many attractive illustrations in color and in duotone, by W. L. Taylor, Herbert Moore, J. J. Tissot, and other accomplished artists.

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LECTURES

Eighth Grade	**Electricity**		Thursdays
February 5	Laws of Magnetism		
12	*Special Lecture: See Below*		
19	Electromagnets		
26	The Electric Bell		
Seventh Grade	**Domestic Science**		Tuesdays
February 3	Animals and City People		**Edith A. Campbell**
10	The Story our Rubbers Might Tell		**Marguerite Mayer**
17	The Tale of a Loaf of Bread		
24	Building City Homes		**Edith A. Campbell**
Sixth Grade	**Motion Pictures**		Fridays
February 6	*No Lecture*		
13	A Grand Spread		
20	From Tropic Isles		
27	The Birth of a Hat		
Fifth Grade	**American History**		Wednesdays
February 4	Tales of American Indians		**Edith A. Campbell**
11	The War of 1812		
18	The Period of Invention		
25	The Spanish-American War		
All Grades			Saturdays
	Island Peoples		
February 7	Life in Japan		
14	Bermuda: A Winter Playground		
21	The Hawaiian Islands		**Marguerite Mayer**
28	The Hawaiian Islands—*Part II*		**Marguerite Mayer**
	Nature Study		
February 7	Among Polar Bears		
14	Sea-Life		**Edith A. Campbell**
21	Bird Pirates		**Raymond S. Deck**
28	Forest-Folk in Winter		
All Grades	**Special Lectures**		
February 12	Abraham Lincoln (Motion picture)		
23	Our First President		

All lectures are at four o'clock P. M. except: of Saturday lectures, those of the "Island Peoples" series are given at ten-thirty o'clock A. M.; of the "Nature Study" series, at three o'clock. "Special Lectures" are given at ten-thirty and again at three. All talks are by Miss Dorothy F. Goerz, unless otherwise stated. Motion pictures are subject to change without notice.

TO REACH THE CHILDREN'S MUSEUM

From Manhattan: Interborough Subway to Kingston Avenue Station. Lexington Avenue Line must change at Nevins Street.

From Williamsburg Bridge: Nostrand or Tompkins Avenue surface car to Prospect Place.

From Brooklyn Bridge: 1. Fulton or Bergen Street surface car to Brooklyn Avenue. 2. Fulton Street Elevated train to Tompkins Ave.

From any Brooklyn-Manhattan Transit Subway Station: Subway to Atlantic Avenue; then Bergen Street surface car to Brooklyn Ave.

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APR 7

Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum
Brooklyn Avenue and Park Place

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. XII. BROOKLYN, N. Y., MARCH-APRIL 1925 NOS. 6-7

SOLAR CORONA

A beautiful enlargement of this picture has been presented by Mr. Perret to the Museum and is on exhibition in the Main Hall. The photograph was secured at Mountain View, New Jersey.

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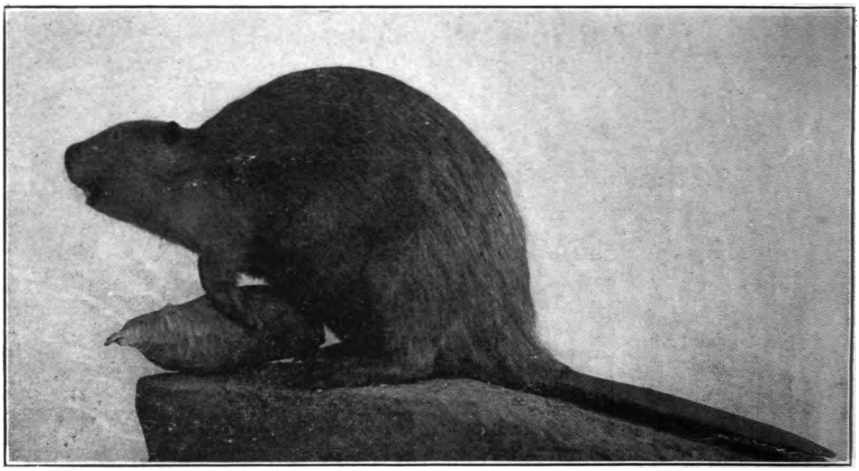
BEAVERS

A LAKE nestled between massive mountains which just now flashed with gold and red from the frosts of early October. Yellow hickory leaves were scattered over the water, and under the sheltering arms of a gnarled button bush along shore, were the purple dots of a clump of fringed gentians. Two years before, this had been only a mountain brook—but strange, stocky creatures had wandered here, to the very spring where the stream had its birth, and had cut down with their sharp teeth many scores of trees; they had built a dam, and the lake had grown. It was late. The sun was dropping into a red glow behind the western hills. The forest about was shot with the chirps and squeaks of wild folk getting a last bite of supper. A flock of wood ducks flew high on winnowing wings, and circled over the lake a couple of times, with craning necks. Then they dropped with a splash into the middle of the pond.



THE CANADIAN BEAVER—*Castor Canadensis*

In the Animal Room

A sleek, brown animal stuck his nose up through the placid face of the lake, and circles of tiny waves rippled out; then it disappeared. In a moment the water broke again, a dozen yards away. Two black fore paws clutched a soggy tussock of bulrushes; a quivering nose appeared, and two sharp, brown eyes. A beaver drew himself up from the water and stood half erect. Water ran off his sides in little sparkling streams. Two long, orange teeth showed between the parted lips; there was a ponderously broad, flat tail, quite destitute of fur.

Another beaver climbed onto an island clump of grass not far away and nibbled at some juicy, young shoots. A third swam toward the far shore, under water, except for his head and his flat tail trailing on the surface. A fox slunk close to the shore and a dry twig snapped.

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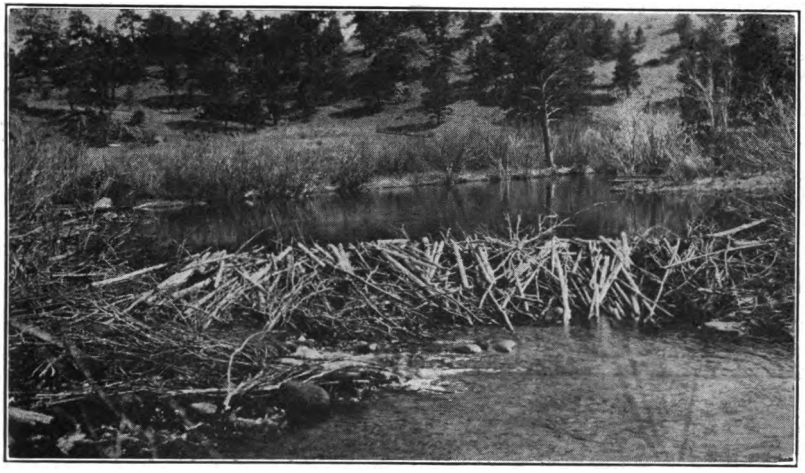
"... HAD CUT DOWN MANY SCORES OF TREES"

Smack! a beaver's tail slapped the water in warning. The three animals sank noislessly out of sight.

An hour later a white moon cast ghostly shadows over a lake dotted with beavers. From the shore line came a rasping chorus where the teeth of many animals were chiseling deep gashes into poplar trees. There was a crash, and a tree tore loose the shreds which held it, and dropped into the water. Three beavers gathered there and cut away the limbs, swimming off with them to the dam, submerging them, and with stones and mud from the lake bed, cementing them into the structure itself—for winter was coming, and there would be no chance then to reinforce it. Once in the memory of the oldest beavers a dam had given way in winter, and with no depths of water into which they might plunge for protection, and with all food covered by a sheet of ice, most of the colony had starved or had been devoured by hungry foxes and wild cats.



THE BEAVERS BUILT A DAM OF STICKS AND MUD

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On the shore, at the very edge of the water, was a dome of saplings and limbs. Within, from a cozy room, tunnels led down through the floor and opened into the lake itself, well below the surface of the water. Other lodges were here and there about the shores. On each of them, one or more beavers were working industriously, adding new wood, or plastering on a smooth surface of mud.

Winter came, and the beavers swam through blue waters beneath a roof of ice. Their food was bark from the lengths of birch and poplar which they had stored in great numbers on the floor of the lake. They swam to their underwater front doors, crawled up the sloping passageways, and in the broad chambers, slept, at odd times. Each had a corner of the lodge to himself; there he had prepared a bed of grass and strips of bark.

One morning there came a dull jar on a lodge; then the dread voices of men were heard. Every beaver fled down through the tunnel and swam away, unseen. An hour later a young animal returned. Dangling through a hole in the ice, he found a new-broken sapling with luscious bark hanging in streamers. He flung caution aside, and let himself down to the oozy mud at the bottom; then standing erect, he reached up for the feast. There was a metallic click beneath him and steel jaws clenched his leg. Wrench and claw as he would, the trap held; gradually the struggles became weaker. In the evening, two men, cloaked in wool and fur, fished up the trap with its prey. They stripped off the beautiful pelt, and from a gland near the tail, they secured a quantity of oily musk. This they would use as a lure on other traps. The silky fur would be felted for beaver hats, would be made into velvety coats, and quantities of the musk would furnish a valuable drug. Even the tail would be cooked and its tender flesh eaten.

'A CANAL WAS DUG'

Spring came and the ice melted away. Only remnants remained of the busy colony of beavers. With warm weather the fur became poor in quality and the trappers went away. No longer did the persecuted

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creatures dare to raise their lodges into the air. Now, like their little cousin, the muskrat, they dug burrows into the bank and denned underground. By the middle of May, every home had three or four babies. The mothers cared for them tenderly, but the fathers took no interest until they were well grown, could swim, and look out for themselves. Then the families were reunited.

When twilight dropped on the long, summer evenings the beaver pond bustled with work and play. The forest had been cut back until the young trees which furnished food and shelter had to be dragged many yards to the lake, so a canal was dug and they were floated in. When danger threatened, some watchful individual sounded the alarm note—brought his tail down on the water with a resounding slap, and like magic all of the animals disappeared.

Civilization stole into the wilderness; the forest was cut away, and houses began to go up. Two slender ribbons of steel crept in, and a panting, screaming saw-mill roared, by the little pond. Many steel traps and rifles watched for the beavers, and the more wary of the colony stole down the creek and away, by night. The dam crumbled, and the little mountain lake dried up.

RAYMOND S. DECK.

NOTES

A Visit of the Junior League

It was an honor and a great pleasure to welcome fifty members of the Brooklyn Chapter of the Junior League on the afternoon of Friday, February 27th. The young women were received in the Bird Room by Mrs. Glentworth R. Butler of the Executive Board, by Miss Zorka Polak, President of the League, and by the Curator-in-Chief. They made a tour of the Museum.

Miss Dorothy F. Goerz gave a short talk about the lectures, illustrating with colored lantern slides and motion pictures the character of subjects presented in the Museum program. The Brownie Woodcrafters, with Miss Marguerite Mayer as Head Guide, were holding Grand Council in the Woodcraft Room—a ceremony new to most of the guests and very impressive. Miss Miriam S. Draper, Librarian, briefly explained the scope and function of the Library. Tea was served in the Geography Room in the mellow light of the Dwight Franklin groups and the tall, white candles used for decoration. The table was attractively set with fine linen and Sheffield plate furnished by the hostess, Mrs. Butler. Other silver pieces were lent by Mrs. James O. Carpenter and Mrs. Herman Stutzer; a royal centerpiece of white hyacinths was given by Mrs. Dean C. Osborne, from her conservatory. Miss Elizabeth B. Thayer poured. Norman Adeler, President of the Children's Museum League, presented each guest with an honorary membership button and other souvenirs of her visit.

The members of the Junior League were delightful, interested visitors.

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A Vivid and Inspiring Motion Picture

Fifteen hundred children witnessed the three-reeled motion picture entitled YORKTOWN which was shown at the Children's Museum in honor of the birthday of George Washington. This film is one of the Chronicles of America Photoplays and was produced by the Yale University Press. It deals with the campaign in the South during the Revolutionary War. George Washington, the patriot Commander-in-Chief of great bravery, wisdom, fortitude, and manliness, was admirably portrayed.

Children from all parts of Brooklyn, many of whom had never before visited the Children's Museum, came to see this noteworthy production. Owing to the limited capacity of the Lecture Room many of the children stood in line for almost an hour waiting their turn to see the picture. Although as many as two hundred children were standing in line at one time, they were remarkably quiet and patient, for they realized that they were to enjoy an unusual opportunity to see this splendid picture, historically true to the minutest detail.

The audience was enthusiastic, and quickly caught the spirit of the picture. Each child seemed to feel himself an actual participant in the action portrayed. As the patriots led by Washington marched toward Yorktown to besiege Cornwallis, the children applauded vociferously. The concluding portion of the film, which was colored, was beautiful and imposing. Not a child cheered the victors nor yet did any child make deprecating remarks concerning the vanquished. Realizing the dignity and solemnity of the occasion, the children were very quiet and sober as the conquered British marched between the two, long lines of American and French soldiers, and General O'Hara surrendered the sword of Cornwallis to General Benjamin Lincoln.

As one boy said, when he came out of the Lecture Room, "That's the way to teach history. It makes things stand right out." While the children were fascinated by the action in the film, the adults were impressed by its historical accuracy. A teacher said, "The picture was perfect in every detail."

It is hoped that in the future the Museum will be able to offer many similar attractions.

Children and members of the Museum Staff were numbered in that vast audience which listened to the ceremonies of the inauguration of President Calvin Coolidge on March 4th. The music by the Marine Band and the oath of office, administered by Chief Justice William Howard Taft, came over the radio into the Busy Bee Room with satisfying clearness. Even the demonstrations, which repeatedly interrupted the President's inaugural address, were effective in calling forth, from the little audience in the Museum, vigorous clappings of hands consonant with the cheering of the throng in Washington.

For illustrating a lecture on beavers the Museum has a mounted beaver, chips of wood cut by beavers in felling a tree, and the gnawed stump of the tree; also a good collection of lantern slides and a motion picture showing the home and habits of these animals.

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THE WOMAN'S AUXILIARY

BENEFITS

The Three Morning Lectures in January were, as usual, attractive events in the year's calendar. The first was given at the home of Mrs. Dean C. Osborne on February 6th, by Robert Herrick, the novelist. The spacious drawing room was crowded and the halls were filled. "The Workshop of a Novelist" proved a fascinating and whimsical topic as Mr. Herrick presented it. The second lecture, at the home of Mrs. Glentworth R. Butler, was given by Harry Lee, the poet, who has recently come into prominence as the prize winner of the Poetry Society of America. His verse was melodious, rich with imagery, and full of swift understanding and human sympathy. His interpretations of childhood were unique. The last in the course, at the home of Mrs. Edward C. Blum, was given by "The Rogers Concert Party," Mr. and Mrs. Francis Rogers, and consisted of songs by Mr. Rogers and monologues by Mrs. Rogers. The program was charmingly varied. Mr. Rogers' songs in his rich baritone were enthusiastically received, and Mrs. Rogers' original commentaries on human foibles met with a cordial response.

This is the fifth series of the "Morning Lectures" which are increasingly popular among Auxiliary activities. The financial returns, this year, are the largest in the history of the enterprise.

THE MEMBERSHIP COMMITTEE

Mrs. Charles A. Soper, Chairman

On January 7th the Membership Committee met at the home of the Chairman for the regular monthly luncheon, followed by a brief business session. Seven members were present and the meeting was given over to informal discussion of plans for the future work of the Committee. The February meeting of the Committee took place at the Hotel St. George, Mrs. Howard DuBois and Mrs. Henry S. Chapin acting as hostesses. The Membership Secretary, Mrs. Frederick J. Austin, reported the total membership of the Auxiliary on February 1st as 1,459. In January there was a total gain of ten members; the new members were nine; one a sustaining member, Mrs. William Moore Parke, one a subscribing member, and seven contributing members.

THE SPEAKER'S BUREAU

Mrs. Havens Brewster Bayles, Chairman

Two speaking engagements were filled during January and February by the Speaker's Bureau. Mrs. Charles A. Soper spoke at the Colony Club of Queens, Long Island, on January 22nd and also at Public School No. 37, on February 18th, before the Kindergarten Mother's Club. Great interest in the Children's Museum was expressed by both of these groups. Although these women live at a distance, plans to visit the Museum in a body followed Mrs. Soper's presentation of its attractions.

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AMERICANIZATION COMMITTEE

Mrs. W. LeRoy Coghill, Chairman

The Americanization Committee was delightfully entertained at the home of the new chairman, Mrs. W. LeRoy Coghill, on January 15th at a Luncheon-conference and Musicale. Twenty-six covers were laid for members and guests. Mrs. I. Sherwood Coffin, the President, and Mrs. John Hills, first Vice President, presided at the guest table with the Curator-in-Chief of the Museum, Miss Anna Billings Gallup, and Miss Sarah K. Fellows, Patron of the Museum. Mrs. Hills presided at the informal conference following the Luncheon. Miss Gallup told in detail of the work done in the Museum, dwelling especially on the many demands made by the Scouts and Woodcrafters for the Museum service. She described some of the difficulties under which this work is proceeding, owing to the small quarters and the constantly increasing numbers of children. "The purpose of this institution is to provide children with right impressions; knowledge of the world of nature, that shall be their protection and shall make of them good citizens for State and Nation," said Miss Gallup. She told of the work in preparation for merit badges that this Museum is doing for the Scouts this year for the first time.

An hour of beautiful music followed Miss Gallup's talk, with Charles Gilbert Spross at the piano. Horace Smithy was the baritone, and Carl Hahn, cellist. Many friends came in for the music.

ANNUAL RECEPTION

The doors of the Museum swung wide to the grown-ups on the evening of February 6th, when the Annual Reception was given by the Officers and Executive Board to the members of the Auxiliary and their friends. This was one of the two occasions during the year when the Museum extends its hospitality to the membership of the Auxiliary. The whole Museum was thrown open for inspection and the halls and exhibition rooms were crowded throughout the evening. In the Bird Room two addresses were given by distinguished friends of the Museum, Mr. Percival Chubb, of the Ethical Culture School, and Dr. Frederick Munson. Mr. Chubb expressed in classic English, the spirit and purpose of the Children's Museum. He stressed the far-reaching influence on life and character of the contacts children have within the walls of this institution. Dr. Munson graphically described many thrilling adventures of his life among the Hopi Indians. He told his stories with dramatic power that held the audience as in a spell. The refreshments were served in the Lecture Room, cleared for the purpose. The Museum was charmingly decorated with palms and potted plants, generously furnished by the Park Department, and exquisite, cut flowers given by Mr. Frank L. Babbott, President of the Board of Trustees.

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THE ADMIRAL

In the Opera House of the Academy of Music on the morning of February 21st, Charles Rann Kennedy's play, THE ADMIRAL, was given as the annual Benefit for the Museum under the auspices of the Auxiliary. The play, a plea for peace and patriotism, was rendered by three players, the author, Edith Wynne Matthison, and Margaret Gage. It was a play of ideas rather than of plot and action. The grace and charm of the three artists gave interest and beauty to every scene. The audience was large and many groups of high school students were in evidence. A substantial profit was realized for the Museum from this matinee. The Auxiliary gratefully acknowledges the assistance given by the group of program girls, with Miss Janet Mackay as chairman and Mrs. Edward C. Blum as chaperone. The members of the Executive Board with Mrs. John Hills, the acting President, received in the foyer both before the performance and during intermissions.

SCOUTS

In addition to the 230 Brooklyn Girl Scouts, who came in February according to schedule, a number of groups attended illustrated talks by special appointment. Captain Gamble, of Woodhaven, paid a second visit with girls who heard a lecture on "Trees" and further prepared for nature tests by detailed work in the Library. Troop No. 110, of Brooklyn, unable to continue their hike on February 12th because of stormy weather, sought refuge in the Museum. Upon arrival, they were delighted to accept the hospitality of the Woodcraft Room and to cook their camp luncheon on the kitchen stove. Ample diversion both recreational and instructive was provided them by a timely showing of a motion picture, and later, by a talk on "Birds and Trees" which was being given, by special request, to Scouts from Jersey City.

Several troops at different times have made the long trip from the Oranges in New Jersey. In evidence of the stimulating effect of their visits, we quote from a letter written by one of the Scout Leaders with reference to a proposed second trip. "The girls are so enthusiastic we are literally swamped by Scouts requesting to be allowed to go too."

Boy Scouts identified and studied many species of trees in Brower Park under Miss Mayer's direction. One hundred and seventy-five boys came also for instruction in other nature subjects. Thirty special appointments were made for this purpose. Mr. Lester L. Walsh, President of the Bird Lover's Club, generously met fifty boys on two occasions when he gave an illustrated lecture on "Birds," followed by a bird walk in Prospect Park. He assisted the boys in identifying the fox sparrow, purple grackle, the song sparrow, and the black duck. Mr. Arthur Helme's lecture on "Birds" attracted sixty-five Scouts who stayed long afterward to ask questions and to hear Mr. Helme relate some of his experiences as an ornithologist.

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EDUCATIONAL PROGRAM FOR SCOUTS AND WOODCRAFTERS

SCHEDULE FOR APRIL

Girl Scouts

Preparation for Second Class Badge

Instruction—Illustrated Talks

Trees and Flowers, April 10, 8:00 P. M.
Birds and Mammals, April 11, 10:00 A. M.
Marguerite Mayer

Examination—Birds and Mammals

Friday, April 17, 7:30 - 9:30 P. M.
Saturday, April 18, 10:00 A. M.-12:00 M. Marguerite Mayer

Boy Scouts

Preparation for First Class Badge

Instruction—Illustrated Talks

Constellations	April 3,	8:30 P. M.	Albert J. Brooks
Trees in Flower	April 10,	8:30 P. M.	Marguerite Mayer
First Aid	April 2,	3:30 P. M.	
First Aid	April 16,	3:30 P. M.	Mrs. Edward Trosset

Examination—Test Number 10

Friday, April 17, 7:30 - 9:30 P. M.
Saturday, April 18, 10:00 A. M.-12:00 M. Marguerite Mayer

Preparation for Merit Badge

Instruction—Illustrated Talks

Astronomy			
Friday,	April 3,	8:30 P. M.	Albert J. Brooks
Saturday,	April 11,	2:00 P. M.	Miriam S. Draper
Bird Study			
Tuesday,	April 14,	7:30 P. M.	Marguerite Mayer
First Aid			
Thursday,	April 2,	4:00 P. M.	
Thursday,	April 16,	4:00 P. M	Mrs. Edward Trosset
Forestry			
Saturday,	April 11,	11:30 A. M.	Marguerite Mayer
Photography			
Friday,	April 17,	8:00 P. M.	Frank A. Perret

Woodcrafters

Bird Study			
Friday,	April 24,	8:00 P. M.	Lester L. Walsh
Photography			
Friday,	April 17,	8:30 P. M.	Frank A. Perret
Nature Walks *Scouts invited*			
Trees			
Saturday,	April 11,	1:00 P. M.	Marguerite Mayer
Birds			
Saturday,	April 25,	1:00 P. M.	Lester L. Walsh
Hike for Brownies			
Saturday,	April 4,	10:00 A. M.	Marguerite Mayer

Special appointments may be made by calling Lafayette 2780.

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LIBRARY NOTES

An event of most vital interest, the total eclipse of the sun, which occurred January 24th, was recently discussed in the Library with a large number of boys and girls. Also several fine photogravures showing different phases of the eclipse were displayed on the bulletin boards. Out of the many newspapers, books, and magazines containing accounts of this phenomenon, probably the most valuable articles for amateurs were to be found in the "Monthly Evening Sky Map." This paper, in the issue of September 1924, contained a fine map showing the Path of the Total Eclipse of the Sun; the issue of January of the present year had explanatory diagrams and dates, while the March number gave an account of the great event. This article was illustrated by vivid photographs taken at Wesleyan University and at Southold, Long Island.

Mr. John B. DeMille has been appointed by Superintendent Clarence E. Meleney to the important task of introducting nature study into the curriculum of the schools at Great Neck, Long Island. As the result of a conference with Dr. C. A. Mathewson of the Maxwell Training School for Teachers, Mr. DeMille came to the Library for help in selecting books which would interest boys and girls in animal and plant life. He noted about one hundred titles which seemed to him most desirable for his special purpose.

The anniversaries of the birthdays of Abraham Lincoln and George Washington were in many respects memorable in the Library. Not simply from the fact that 1,160 visits were recorded on these two days, but because so many children wished to read something about the Father of His Country and the Great Emancipator. Not less than five hundred children ranging from the second grade to high school grade read a story about Lincoln and 609 children read stories or copied poems about Washington. Visitors who were too young to read enjoyed the picture bulletins relating to the two presidents.

During the first six weeks of this year twelve Scout Leaders and 171 Scouts visited the Library. Some of the Girl Scout Troops came from Jersey City and Orange, New Jersey, others from the Borough of Queens. The Girl Scouts were interested in nature books, and in pictures of flowers, trees, birds, ants, and butterflies. Some of the Boy Scouts came to conferences in preparation for the merit badge for Astronomy; others were getting ready for tests in Forestry; learning to make campfires, or learning to recognize birds and other animals and trees.

From time to time, the Library has welcomed visitors from many foreign countries and various continents. For the first time to our knowledge, however, a resident of Alaska has paid a visit here. Mr. M. H. Deverell, of Skagway, the port of Alaska, formerly lived in Brooklyn. He found many new things of interest to him at the Children's Museum.

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LECTURES

Tuesdays	**Physical Geography**	Seventh Grade
April 7	The Making of Mountains and Valleys	
14	*The Why of a Volcano	
21	*Rivers, Lakes and Waterfalls	
28	The Study of Star Families	
Wednesdays	**American History**	Fifth Grade
April 1	The Civil War	
8	The Civil War—*Part II.*	
15	Patriot's Day	
22	Indian Reservations	
29	*Samuel F. B. Morse	
Thursdays	**Inventions**	Eighth Grade
April 2	*The Conductor	
9	*Revelations by X-Ray	
16	*Wire	
23	*Electricity at Work	
30	*Light of a Race	
Fridays	**Motion Pictures**	Sixth Grade
April 3	The Automobile	
10	Niagara Falls	
17	*No Lecture*	
24	Beauties in Nature	
Saturdays	**South America**	All Grades
April 4	The Land of The Equator	
11	On The Banks of The Amazon	
18	The Inca Indians	
25	Through Argentina and Chile	
	The Awakening of Spring	
April 4	The Moth and The Butterfly	
11	Flowers of The Woodland	
18	Meadow Flowers	
25	Some Animals of The Pond	

All lectures except those of Saturdays are at four o'clock, P. M. Of the Saturday talks, those of the "South America" series are at ten-thirty, A. M.; of "The Awakening of Spring," at three o'clock. All lectures are by Miss Dorothy F. Goerz. Motion pictures are subject to change without notice. * Lantern slides and motion pictures.

TO REACH THE CHILDREN'S MUSEUM

From Manhattan: Interborough Subway to Kingston Avenue Station Lexington Avenue Line must change at Nevins Street.

From Williamsburg Bridge: Nostrand or Tompkins Avenue surface car to Prospect Place.

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Children's Museum News

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES

Children's Museum

Brooklyn Avenue and Park Place

Free to the public. Open week-days 10.00 A.M. to 5 P.M. Sundays 2.00 to 5.00 P.M.

VOL. XII. BROOKLYN, N. Y., MAY 1925 No. 8

OPENING BUDS IN BROWER PARK

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SPRING

Spring tells wonderful stories to Scouts and Woodcrafters, and to other young people—grown people also—who have an interest in nature. During these sunshiny days everything is glad. The out-of-doors is so new. The damp, winter cold has been blown away by breezes from the south; the last dingy patches of snow have disappeared in little trickles.

Strong, healthy boys and girls are not content to spend these days lounging on benches in the park. They like to go out into the woods and fields where things are growing; they like to eat lunches around camp-fires, and to hear the honking of the V-shaped flocks of wild geese, as wise old ganders pilot them through the sky to lakes and marshes hidden among northern forests.

Not so often as they wish, is it possible for city dwellers to get out in the open spaces; but if their eyes are sharp, and they are alert, they may glean many bits of nature lore even as they go to school or walk about in the parks. In Brower Park now, about the Children's Museum, Mourning Cloak butterflies are crawling out from the crevices where they have slept through the winter, and are fluttering their rich purple wings in the sunshine. Quite often the hoarse chirp of the downy woodpecker is to be heard, and his black and white checked form to be seen. This bird, we know, spends most of his time with us, even through the winter, for under scaly bark he finds insects in plenty, the year round. A tiny, brown bird is in Brooklyn Parks, too—running up and down tree trunks with reckless abandon, prying for tid-bits. He is called the brown creeper. Robins are hopping over the lawn; sometimes they perch in the trees and sing carols. Perhaps we remember their story which an exhibit in the Bird Room tells—that robins build their nests partly of mud; that they lay eggs of a more beautiful blue than tints any Easter egg; and that the young, unlike their parents, have spotted breasts and prodigiously large, yellow mouths.

The starlings—black, and of goodly size—are here in numbers, of course, giving vent to their long series of whistles. They are particularly interesting because they are not native to our country. In 1890, sixty starlings were brought from Europe, and were liberated in Central Park, New York City. From these few birds, have descended the many thousands of starlings which now flock through the Eastern states. The species is fast extending its range. I have observed it in the mountains hundreds of miles inland, and at an altitude of several thousand feet.

The English sparrow is another immigrant. During these spring days he is busy picking up straws, feathers, paper, and what-not to use in making a bulky nest in the fork of a lofty, maple tree, or mayhap

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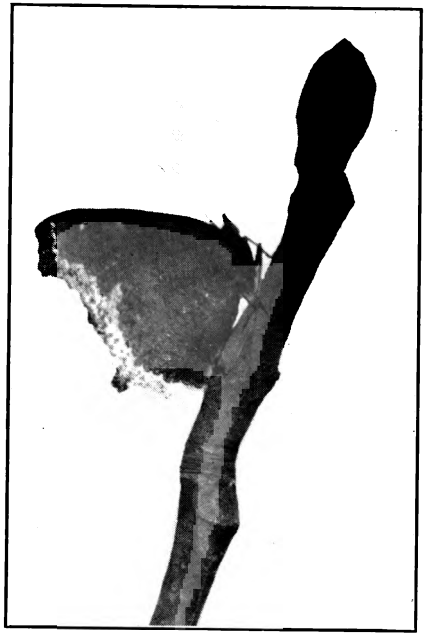
under the eaves of a building. Through the winter, we remember, the English sparrow wore dark, breast plumage, but now the black cravat of the male bird stands out against a background of light gray. This condition comes about in a remarkable way. Through the autumn, the old, worn-out feathers fall out, and are replaced by new ones. This molting occurs very gradually, lest the ill-feathered bird be rendered unable to fly. By snow-fall, each individual has a new suit of long, dark feathers. During the winter, the tips of the breast feathers become slowly rubbed off, and when spring comes, the dark outer parts are worn quite away; the black shield in the center stands out sharply against the light background, and Cock Sparrow woos his mate in a new spring suit!

Lilac buds are open, and the big, sticky scales are falling from the buds of the horse-chestnut tree. All young naturalists should know that the substance covering winter buds is not always sticky; it is sometimes waxy, or silky, or even fluffy. In any event, it may serve as a blanket to keep the tender young leaves warm and dry through winter.

Little pools of water, fountains, and wet ditches become covered with green "scum," much like that in the Museum aquarium. This is composed of long threads of plants, so minute that their parts may be made out only through the use of powerful, magnifying lenses. The plants are green because they contain the same substances that grass and oak leaves contain. When viewed through the microscope, they are seen to be of beautiful and intricate structure.



"THE MOURNING CLOAK IS IN BROWER PARK"

The gray squirrels in the parks scamper gaily about through spring days. Sometimes they may be seen carrying bits of paper, and dry leaves into crannies in stone walls. They are making warm nests for baby squirrels.

The windows of florist shops hold the flowers and secrets of spring. The big parks are fine and ready places for hikes. The Children's Museum will give help and information about things of nature which puzzle you.

RAYMOND S. DECK

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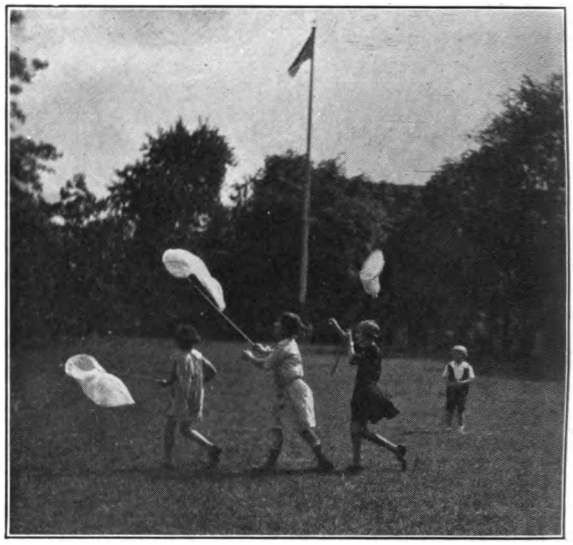
YOUNG READERS, are you going to remain in Brooklyn for any part or all of the summer? If so, you can have a good time every day and keep on learning to enjoy and understand nature.

The Woman's Auxiliary is going to enable us to retain Miss Marguerite Mayer's services during July and August for the distinct purpose of giving you two months of outdoor nature experience. In fact, Miss Mayer has already planned a complete series of Field Trips from the Children's Museum. Beginning on July 1st, you can take all day trips, on Mondays, Wednesdays, and Fridays, to various places of interest. You will tramp through the woods of Interstate Park; visit the old manor house at Van Cortlandt Park; see the trees and animals in the New York Zoological Park, and discover the pond creatures in Clove Lake, Staten Island. These are only a few of the places to be mentioned. And before you start on any of these outings you will be carefully prepared with information about the treasures to be discovered.



BUTTERFLIES!

THE CATCH

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The daylight screen and lantern slides will make you acquainted beforehand with the trees, the birds, and the flowers of the region you are to explore, helping you to "see with all you know."

For the entire summer, the Lecture Room will be so changed you will scarcely know it. Flooded with daylight, and cleared of the forms we use at lectures, it will have plenty of tables and chairs. Cabinets with locks can hold the precious objects useful in the field: Boy Scout bird glasses, hand lenses, pocket knives, cyanide jars, and butterfly nets. There will be other things to use when you return laden with objects collected: insect spreading boards and pins, pencils and paper, labels, rulers, paste, scissors—indeed all the appliances young collectors may need in caring for specimens. Better than any of these, though, will be a museum teacher every day to give you all needed assistance. Under

THE MONARCH

her direction and with the help of the good books in the Library, you can easily make a collection the Museum will be proud to display next autumn.

One principle, however, must guide *every* student sent out from the Museum; the principle of leaving each place he visits as clean and beautiful as he finds it. Miss Mayer will know how to guide you in wise collecting and she will teach you to enjoy, without touching, many of the wild flowers which your awakened love for them will help protect.

By June 30th the whole list of trips will be posted in the Museum and printed in the newspapers. These will give you all necessary information for joining them and will advise you to be sure to bring LUNCH.

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THE WOMAN'S AUXILIARY

THE MEMBERSHIP COMMITTEE

Mrs. Charles A. Soper, Chairman

The Membrship Committee held a luncheon-meeting on March 4th at the home of Mrs. John J. Schoonhoven, with nine present. Fifteen new members were reported by the Membership Secretary, Mrs. Frederick J. Austin. The total membership on March 1st was 1469. Plans for next year's work were discussed.

The April meeting and luncheon, at the home of Mrs. William Whittaker, was attended by nine members. The Committee listened with much interest to Miss Gallup's report of the activities in the children's organizations, especially the League and the Tree Club. Miss Gallup told in detail of her recent visit to Fairhaven, Massachusetts, where a former chairman of the Membership Committee, Mrs. J. Richard Taylor, is heading a movement to establish a Children's Museum. The Membership Secretary reported twenty-three new members for the month of March.

THE SPEAKER'S BUREAU

Mrs. Havens Brewster Bayles, Chairman

A conference of the Speaker's Bureau took place on March 5th. The Chairman, Mrs. Bayles, was the hostess of the Committee at a delightful luncheon in Brown Lodge. Reports of the speaking engagements of various members of the Bureau showed much activity. Mrs. Charles A. Soper had spoken before three schools and a large Woman's Club in Queens. Miss Gertrude Espenscheid had been to a Kindergarten Mother's Club at one of the public schools. A trip to the Museum in the early spring was planned as a result of Miss Espenscheid's talk.

In April, the Bureau met at the Brooklyn Woman's Club, on the 3rd. The plan for a Forum to be conducted at the Annual Meeting of the Auxiliary was discussed at length. A course in Story Telling to be given by Mrs. John H. Hallock beginning on October 14th was suggested and met with an enthusiastic response from the members of the Bureau.

THE AMERICANIZATION COMMITTEE

Mrs. W. Leroy Coghill, Chairman

On March 12th, the Americanization Committee held a business meeting and luncheon at the Museum, with fifteen members present.

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Three new members were elected to the Committee, Mrs. William Moore Parke, Mrs. Henry C. Turner, and Miss Kathryn Brady. Miss Gallup told the Committee of the work of the Scouts and Woodcrafters and of other new activities in the Museum. Mrs. Schoonhoven outlined the plans for the fall benefit Bridge, which is scheduled for next November. The Committee voted to take charge of a gift table. Individual pledges of money were made by the members who voted that the Committee should endeavor to put into the Treasury of the Auxiliary Five Hundred Dollars before April 1926. Plans were discussed for entertaining Mother's Clubs at tea in the Museum, the first of these teas to take place in May. Luncheon was served in the Woodcraft Room. Miss Marguerite Mayer gave a detailed report of her work with the Scouts and Woodcraft Tribes, showing how the opportunities for service to these children are increasing. The large numbers of children were making a complicated problem in the Museum, where every available space is already crowded. Miss Mayer's report stirred much enthusiasm and caused many who heard it to promise to attend "A Grand Council" in the Woodcraft Room.

GIFTS OF THE YEAR

The annual gift of the Winter's Nights Club came this year to our Treasurer, Mrs. John B. Clark, with a letter saying it was given in memory of Mrs. Don C. Seitz.

Gifts have been received from Mrs. Martin Joost, Miss Sarah K. Fellows, Mrs. Susanne Q. Cumming, Mrs. John B. Clark, Mrs. James Brown, Mrs. Kate Goodbody, Miss Maude Perry Mills, Frederick Loeser & Co. Inc., The Membership Committee, and Dr. and Mrs. T. Mortimer Lloyd.

THE ANNUAL MEETING

The day of our Annual Meeting is the one day in every year when the Woman's Auxiliary takes possession of the Children's Museum and pays an all day visit. The members of the Staff graciously answer all questions and act as guides to the ladies who find the exhibits as fascinating and inspiring as do the children. The program of reports this year was given in the Bird Room, Mrs. I. Sherwood Coffin presiding.

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PROGRAM OF ANNUAL MEETING

April 17, 1925

Morning Session

Call to Order - - - 11 o'clock

ANNUAL REPORTS

Secretary - - - - Mrs. Frederick L. Jenkins
Membership Secretary - - Mrs. Frederick J. Austin
Treasurer - - - - - Mrs. John B. Clark
Auditor - - - - - - Mrs. John Hills
Special Funds and Benefits - - Mrs. John B. Clark
President - - - - Mrs. I. Sherwood Coffin
Curator-in-Chief of the Museum, Miss Anna Billings Gallup

Luncheon — 12:30

The intermission for luncheon from 12:30 to 2 is provided so that there may be time for members to meet one another and the Museum Staff, see the Museum, and come more intimately in touch with its work and ideals.

Afternoon Session

Call to Order - - - - 2 o'clock

ANNUAL REPORTS

Educational Secretary and Chairman of the Board
Mrs. John J. Schoonhoven
Chairman of the Membership Committee
Mrs. Charles A. Soper
Chairman of the Speaker's Bureau
Mrs. Havens Brewster Bayles

Mrs. Bayles will conduct a Forum on Children's Museum topics of interest from the Community standpoint.

Members of the Bureau will speak

Americanization Committee - Mrs. W. Leroy Coghill, *Chairman*
Assistant in the Museum in Charge Woodcraft and Scouts
Miss Marguerite Mayer

In connection with her report, Miss Mayer will present some of the children working under her direction.

Miss Mayer's services are given to the Museum through the generosity of the Auxiliary.

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NOTES OF INTEREST FROM REPORTS

"The ideals and high purposes with which the Auxiliary was founded are coming into fruition and realization as the years pass."—Mrs. I. Sherwood Coffin, President.

"If we were to go on with this list of Museum children who are doing a great work in the world, it would be a long story, but evidence is steadily coming in to us that every bit of support and effort put into Children's Museum service is bearing fruit somewhere.

"Reports from schools where the Hooper Memorial Loan groups have been placed are most enthusiastic. The monitors in charge of the corridors in one school said, 'the cases on view obstruct traffic because the pupils all linger in front of them.' "—Anna Billings Gallup, Curator-in-Chief.

"Progress with due regard to precedent and conservative action is the guiding principle of all policies of the Auxiliary.

"It is the striking of our roots deep, and yet more deeply, into the soil of service that means growth and that brings at last the fruits of achievement.

"Every educational institution that is alive has always a thousand needs and plans that stretch far ahead into a hopeful future, and demand larger and larger resources. The Children's Museum is no exception. The Woman's Auxiliary is organized to help provide these resources.

"The vision of a Children's Museum here in Brooklyn, a perfect temple for the education and protection of children, serving every child that seeks its aid, binds us together for devoted service."—Mrs. John J. Schoonhoven, Educational Secretary.

"The Speaker's Bureau carries the Museum and its message far and wide —and through its unselfish service, helps everybody."—Mrs. Havens Brewster Bayles, Chairman of the Speaker's Bureau.

"It has been my pleasure to try to link the schools with the Library."
—Mrs. John H. Hallock.

"We need a larger Children's Museum."—Mrs. T. Mortimer Lloyd.

"What has actually been done in Scouting and Woodcraft can best be illustrated by an attendance report. Since October 1, 1924 we have made 532 appointments, many of which have included individual work. Also there have been lectures, weekly councils, grand councils, and field trips, swelling the total number of visits to 5,000."—Marguerite Mayer, Assistant in the Museum in charge Woodcraft and Scouts.

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EDUCATIONAL PROGRAM FOR SCOUTS AND WOODCRAFTERS

SCHEDULE FOR MAY

Girl Scouts

Preparation for Second Class Badge

Instruction—Illustrated Talks

Birds and Mammals,	May 8,	7:30 P. M.	
Trees in Leaf,	May 8,	8:30 P. M.	
Some Spring Flowers,	May 23,	10:00 A. M.	Marguerite Mayer

Examination—Birds and Mammals

Friday,	May 15,	7:30-9:30 P. M.	
Saturday,	May 16,	10:00 A. M.-12:00 M.	Marguerite Mayer

Boy Scouts

Preparation for First Class Badge

Instruction—Illustrated Talks

First Aid			
Thursday,	May 7,	3:30 P. M.	
Thursday,	May 21,	3:30 P. M.	Mrs. Edward Trosset
Nature			
Birds of Field and Forest	May 1,	8:30 P. M.	Lester L. Walsh
Trees in Leaf,	May 22,	7:30 P. M.	Marguerite Mayer

Examination

First Aid			
Thursday,	May 7,	3:30-5:00 P. M.	
Thursday,	May 21,	3:30-5:00 P. M.	Mrs. Edward Trosset
Nature			
Friday,	May 15,	7:30-9:30 P. M.	
Saturday,	May 23,	10:00 A. M.-12:00 M.	Marguerite Mayer

Preparation for Merit Badge

Instruction—Illustrated Talks

Astronomy			
Saturday,	May 9,	2:00 P. M.	Miriam S. Draper
Bird Study			
Friday,	May 1,	8:30 P. M.	Lester L. Walsh
First Aid			
Thursday,	May 7,	4:00 P. M.	
Thursday,	May 21,	4:00 P. M.	Mrs. Edward Trosset
Forestry—Trees and Shrubs			
Saturday,	May 9,	3:00 P. M.	
Saturday,	May 16,	3:00 P. M.	
Friday,	May 22,	8:30 P. M.	Marguerite Mayer
Mining—Mineral Study			
Saturday,	May 16,	1:30 P. M.	
Saturday,	May 23,	1:30 P. M.	Edith A. Campbell

Woodcrafters

Tree Study			
Friday,	May 15,	8:30 P. M.	Marguerite Mayer

Nature Walks—*Scouts invited*

Flower Study			
Saturday,	May 2,	9:00 A. M.	
Saturday,	May 16,	9:00 A. M.	
Saturday,	May 30,	9:00 A. M.	Morton L. Wadsworth
Hike for Brownies,	May 9,	9:00 A. M.	Marguerite Mayer

Special appointments may be made by calling Lafayette 2780.

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LIBRARY NOTES

There have been many requests from all over the country for copies of the new, and completely revised edition of SOME NATURE BOOKS FOR MOTHERS AND CHILDREN, which was issued in July 1924.

This list proves helpful to students of all ages, but is especially useful to Scout Leaders, Woodcraft Guides, Camp Fire Councillors, and other educational leaders. Parents who go to the country with their children during the summer may gain many hints about the best books to take along with them.

Orders for the booklist have been received from Librarians, Teachers, and Scout Captains in Denver, Colorado; Tacoma, Washington; Palo Alto, California; St. Paul, Minnesota; Des Moines, Iowa; Kalamazoo, Michigan; Jordan Valley, Oregon; Ottawa, Canada; Montgomery, Alabama; Bridgeport, Connecticut; Brookline, Massachusetts; Boroughs of Brooklyn and Manhattan, New York.

The Nature List was printed as a pamphlet of nine pages. A nominal charge of twenty-five cents per copy is made for it.

The Library calls attention to a unique and valuable gift received from Dr. and Mrs. E. W. Vietor, formerly of Brooklyn, N. Y., but now of Orford, New Hampshire, in the form of a card catalogue of the birds seen by them in Prospect Park, from January 1st, 1908 to December 31st, 1921, a period of fourteen years. This record includes 155 species. A card for each species notes the first and last dates of each month in which the birds were seen, and also indicates whether there were "very many," or "more than ordinary," of the species.

It is interesting to learn that during this long period, with nine exceptions, these bird students saw robins in the Park each month; while they found bluebirds only sixteen or seventeen times.

A request for some books, written in French, to be sent to Verdun, France, for use in "L' Ecole du Sacre Coeur," under the charge of Mademoiselle Antoinette Dyckhoff, came to us, recently, through a visitor from England. We were glad to respond to this appeal with a small gift from the limited number of French books in our collection. The modest donation seems to have been much appreciated.

In March, not less than one hundred and fifty pupils from the Thomas Jefferson High School spent many hours in the Library. Their minute investigations covered the subjects of mimicry, protective coloration, breeding, and the economic importance of insects. They studied the life histories of the Mourning Cloak and Monarch butterflies, the Polyphemus moth, the dragonfly and the grasshopper—and took notes about seashore insects, the praying mantis, walking sticks, and the hibernation of beetles.

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LECTURES

Tuesdays	**Zoology**	High School *and* Seventh Grade
May 5	*The Honey Bee	
12	Silk-makers	
19	*How Life Begins	
26	*How Life Begins *Part II.*	
Wednesdays	**American Anniversaries**	Fifth Grade
May 6	New Amsterdam	
13	The Jamestown Colony	
20	The American Red Cross	
27	*Navigation	
Thursdays	**Physics**	Eighth Grade
May 7	Iron and Steel	
14	Iron and Steel *Part II.*	
21	Canals	
28	The White Coal of The Future	
Fridays	**Motion Pictures**	Sixth Grade
May 1	Field Athletics	
8	Thomas A. Edison	
15	Wireless	
22	Elk Conservation	
29	Proper Foods	
Saturdays	**The Orient**	All Grades
May 2	*See below*	
9	*Japan: Island Empire	
16	The Country of the Great Wall	
23	The Home of The White Elephant	

Nature Lore

May 2	Learning the Trees
9	*What Trees do for us
16	Creatures of the Treetops
23	*Some Insect Friends

May 2 is Children's Museum Arbor Day

All lectures except those of Saturdays are at four o'clock P. M. Of Saturday talks, those of "The Orient" series are at ten-thirty A. M.; "Nature Lore," at three o'clock. Motion pictures are subject to change without notice. Lectures are by Dorothy F. Goerz, Curator of Education. * Lantern slides and motion pictures

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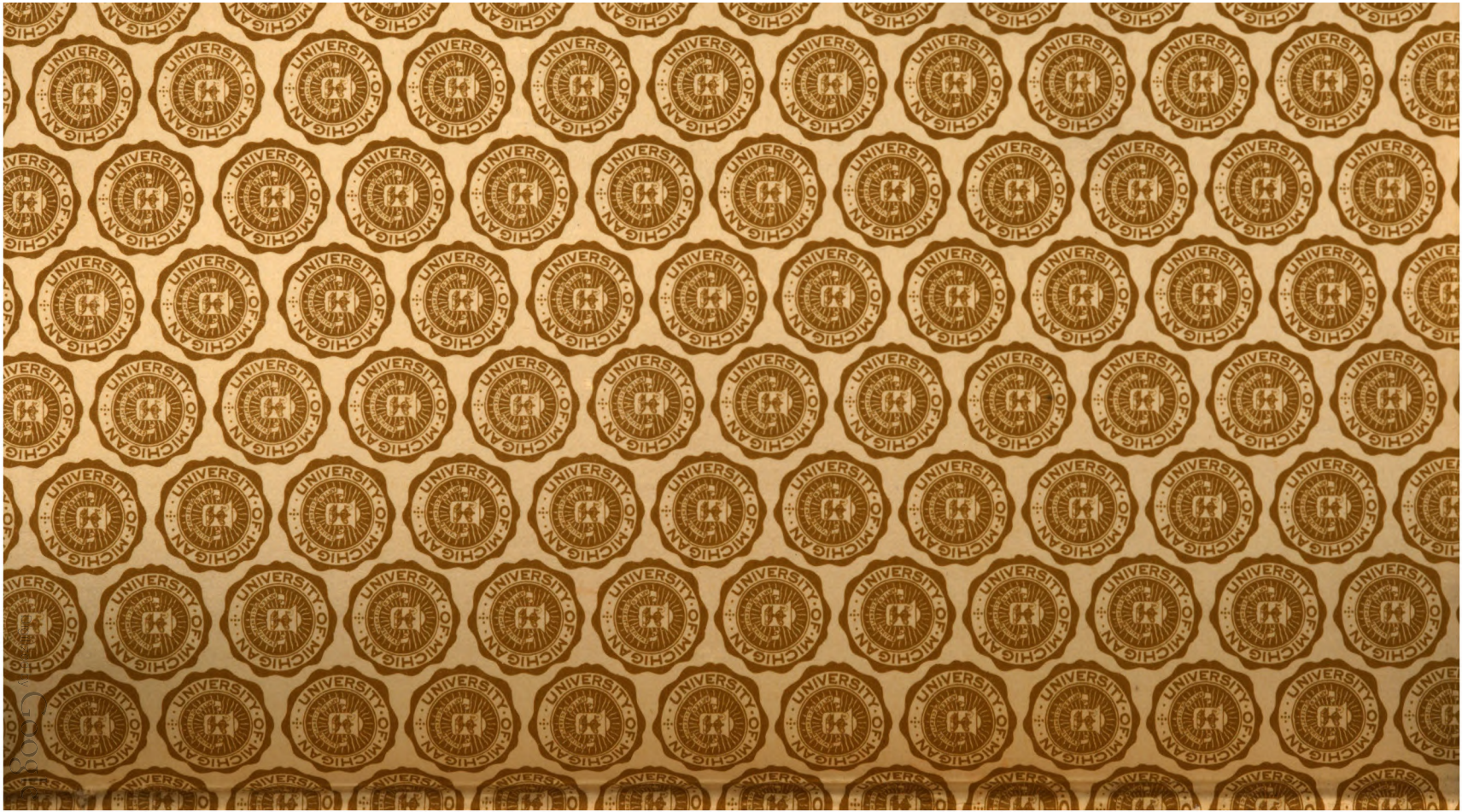
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